

CDMA 835 Right Cheek Middle

Date/Time: 2011-3-8 12:50:21

Electronics: DAE4 Sn771

Medium: Head 850 MHz

Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.928$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 835 Frequency: 836.52 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Cheek Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.589 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.744 W/kg

SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.398 mW/g

Maximum value of SAR (measured) = 0.593 mW/g

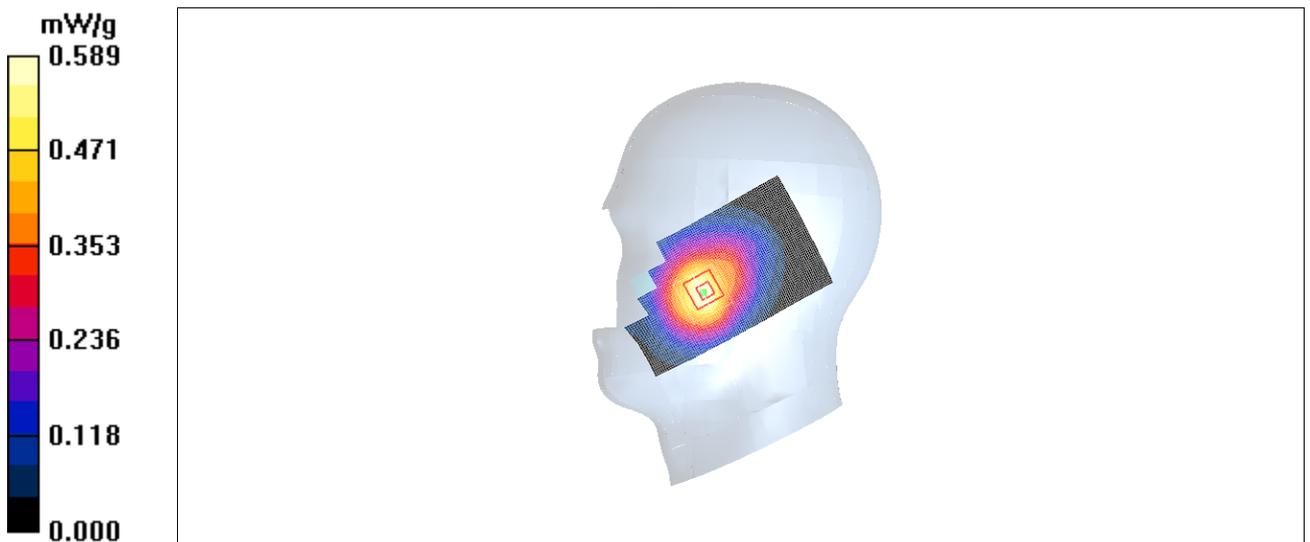


Fig.32 CDMA 835MHz CH384

CDMA 835 Right Cheek Low

Date/Time: 2011-3-8 13:04:43

Electronics: DAE4 Sn771

Medium: Head 850 MHz

Medium parameters used (interpolated): $f = 825$ MHz; $\sigma = 0.916$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 835 Frequency: 824.7 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Cheek Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.442 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.02 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 0.561 W/kg

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.300 mW/g

Maximum value of SAR (measured) = 0.444 mW/g

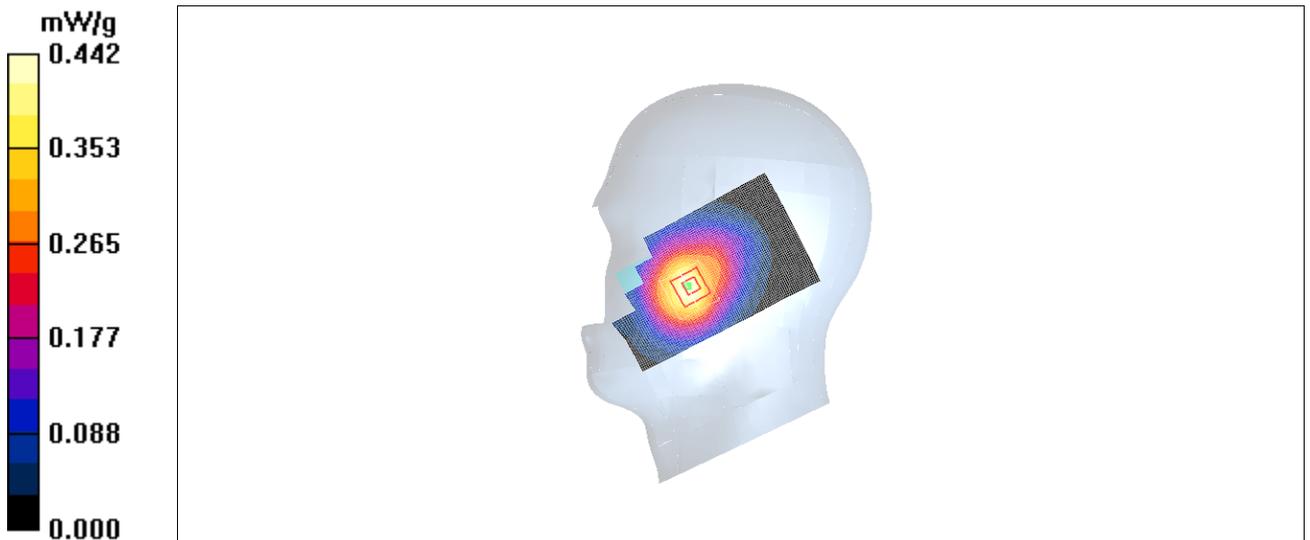


Fig. 33 CDMA 835MHz CH1013

CDMA 835 Right Tilt High

Date/Time: 2011-3-8 13:19:12

Electronics: DAE4 Sn771

Medium: Head 850 MHz

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 835 Frequency: 848.31 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Tilt High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.339 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.4 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 0.330 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.4 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.377 W/kg

SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.181 mW/g

Maximum value of SAR (measured) = 0.311 mW/g

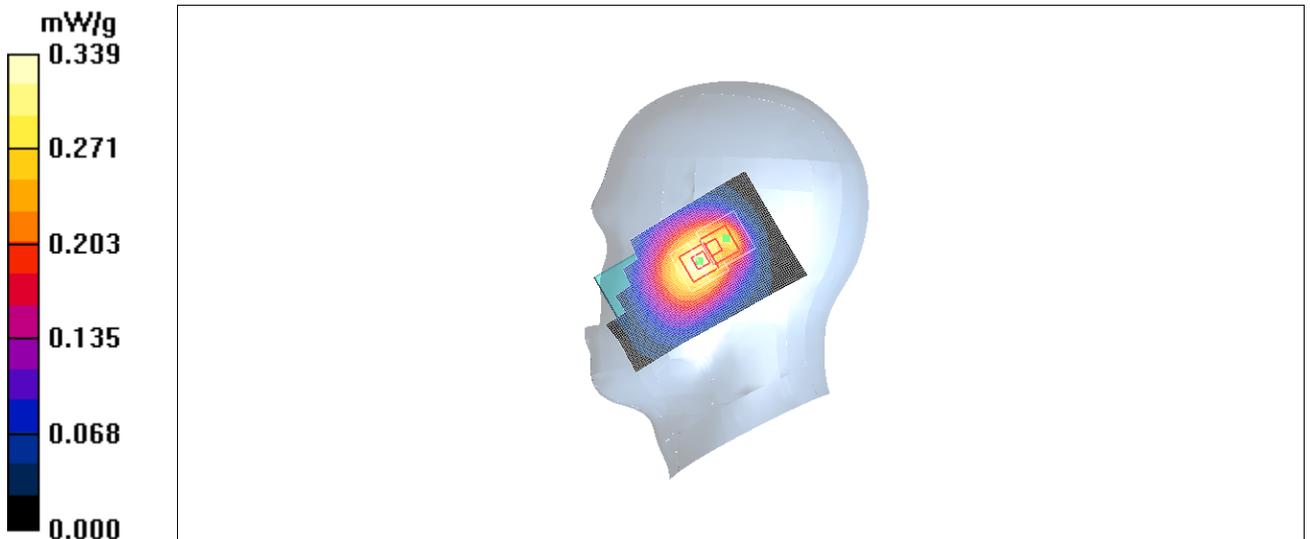


Fig. 34 CDMA 835MHz CH777

CDMA 835 Right Tilt Middle

Date/Time: 2011-3-8 13:33:36

Electronics: DAE4 Sn771

Medium: Head 850 MHz

Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.928$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 835 Frequency: 836.52 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Tilt Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.473 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.5 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.572 W/kg

SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.334 mW/g

Maximum value of SAR (measured) = 0.476 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.5 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.541 W/kg

SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 0.446 mW/g

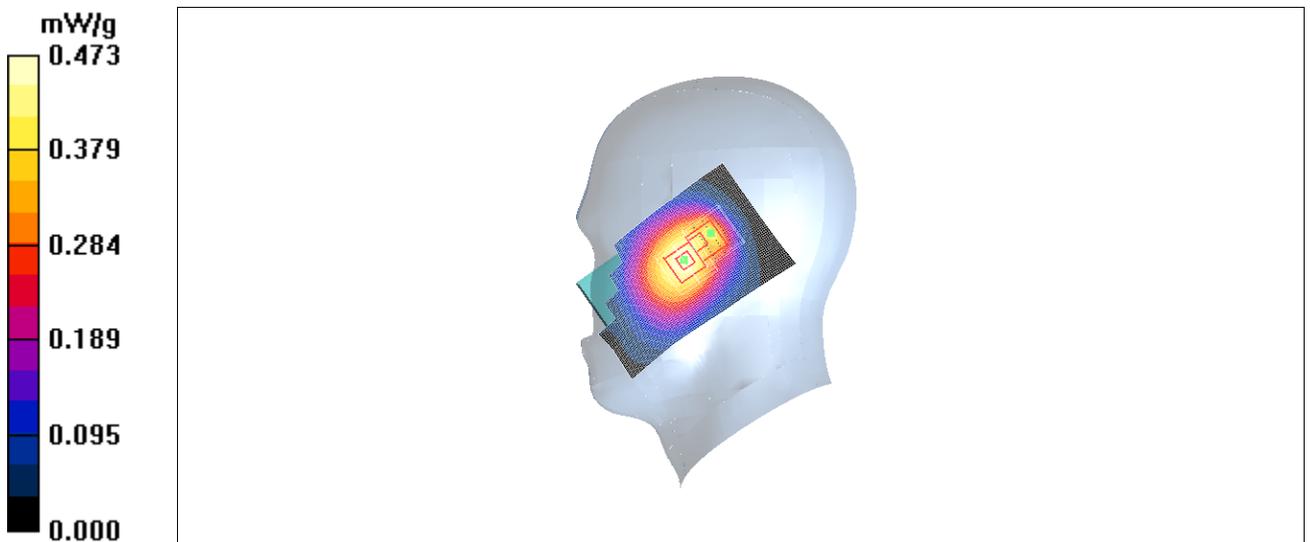


Fig.35 CDMA 835MHz CH384

CDMA 835 Right Tilt Low

Date/Time: 2011-3-8 13:47:58

Electronics: DAE4 Sn771

Medium: Head 850 MHz

Medium parameters used (interpolated): $f = 825$ MHz; $\sigma = 0.916$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 835 Frequency: 824.7 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Tilt Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.371 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.6 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.441 W/kg

SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 0.368 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.6 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.415 W/kg

SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.206 mW/g

Maximum value of SAR (measured) = 0.345 mW/g

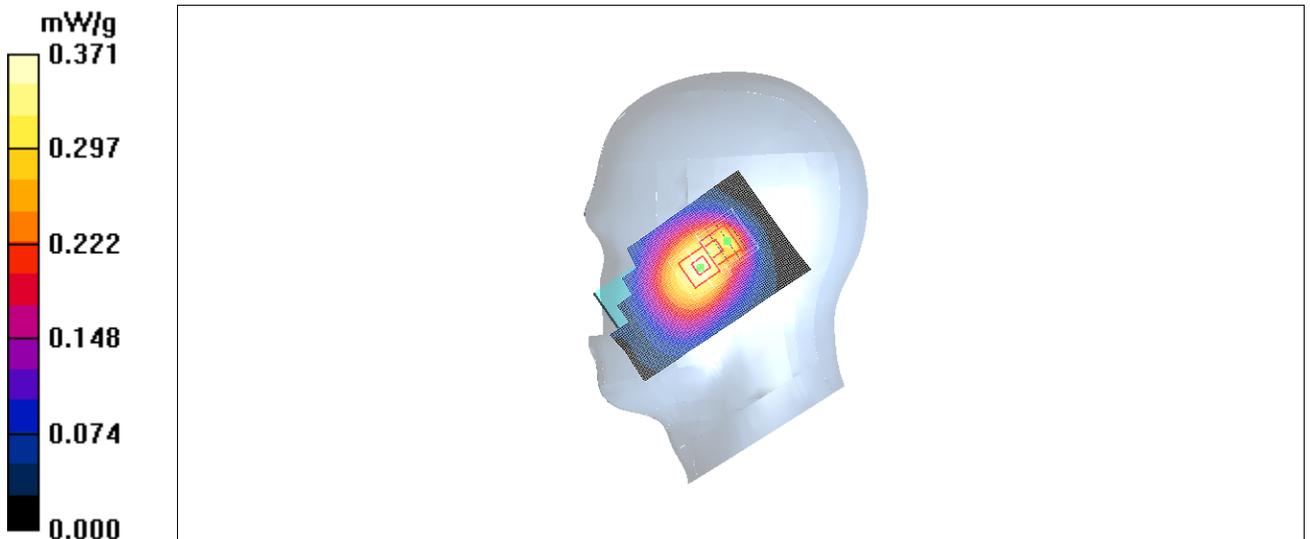


Fig. 36 CDMA 835MHz CH1013

CDMA 1900 Left Cheek High

Date/Time: 2011-3-9 11:07:23

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 1900 Frequency: 1908.75 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.938 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.70 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.858 mW/g; SAR(10 g) = 0.510 mW/g

Maximum value of SAR (measured) = 0.929 mW/g

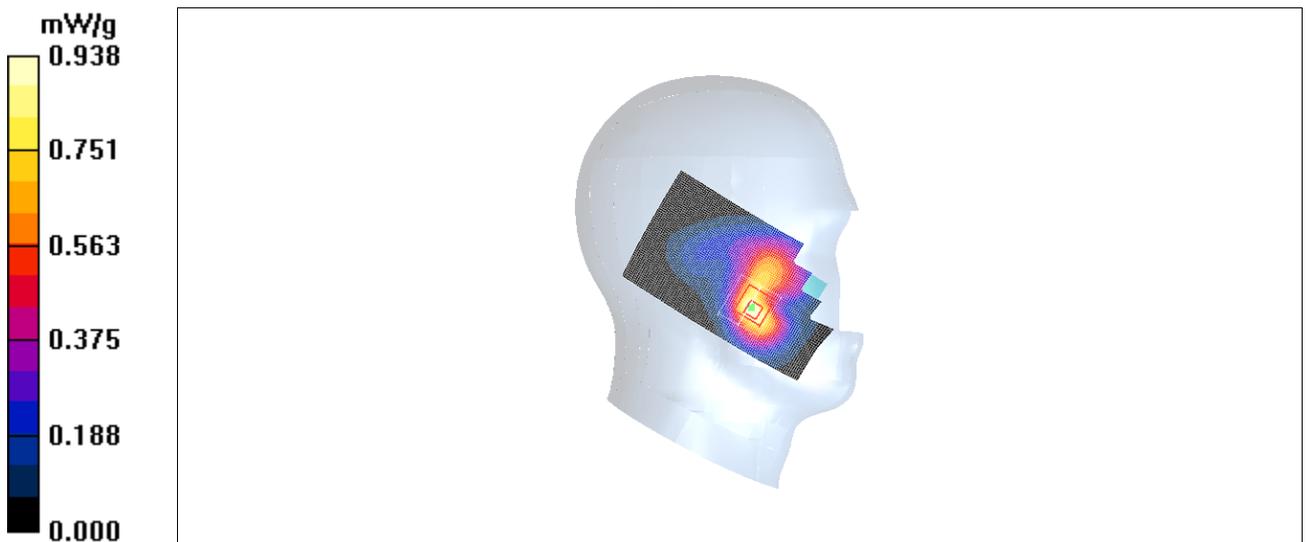


Fig. 37 CDMA 1900MHz CH1175

CDMA 1900 Left Cheek Middle

Date/Time: 2011-3-9 11:21:45

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.02 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.57 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.927 mW/g; SAR(10 g) = 0.560 mW/g

Maximum value of SAR (measured) = 0.992 mW/g

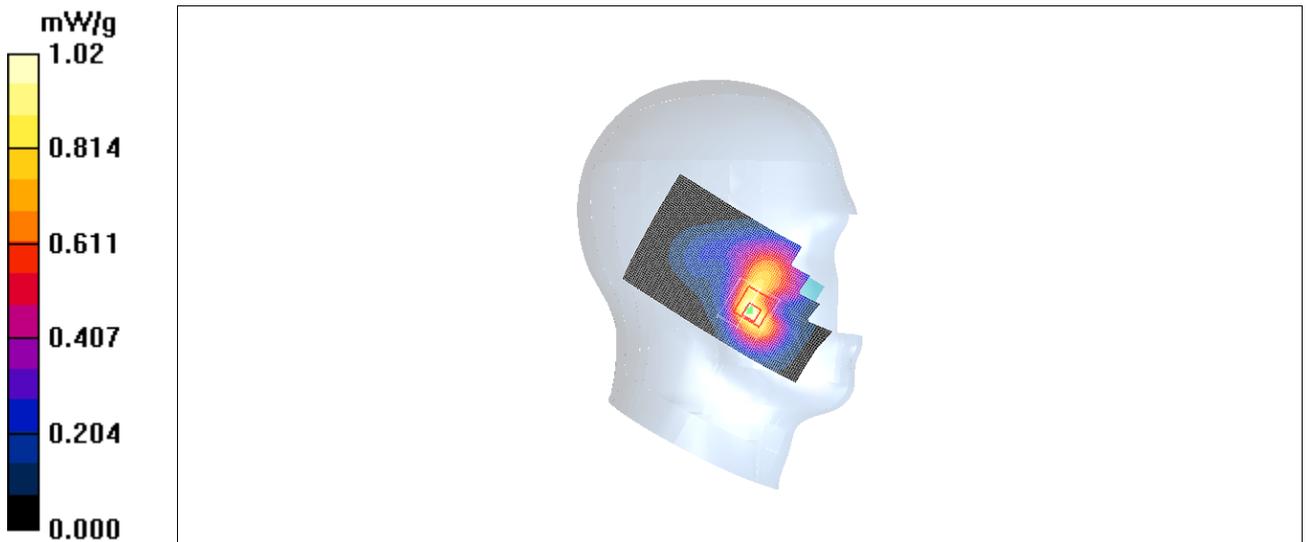


Fig. 38 CDMA 1900MHz CH600

CDMA 1900 Left Cheek Low

Date/Time: 2011-3-9 11:36:07

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 1900 Frequency: 1851.25 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.963 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.18 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.887 mW/g; SAR(10 g) = 0.541 mW/g

Maximum value of SAR (measured) = 0.957 mW/g

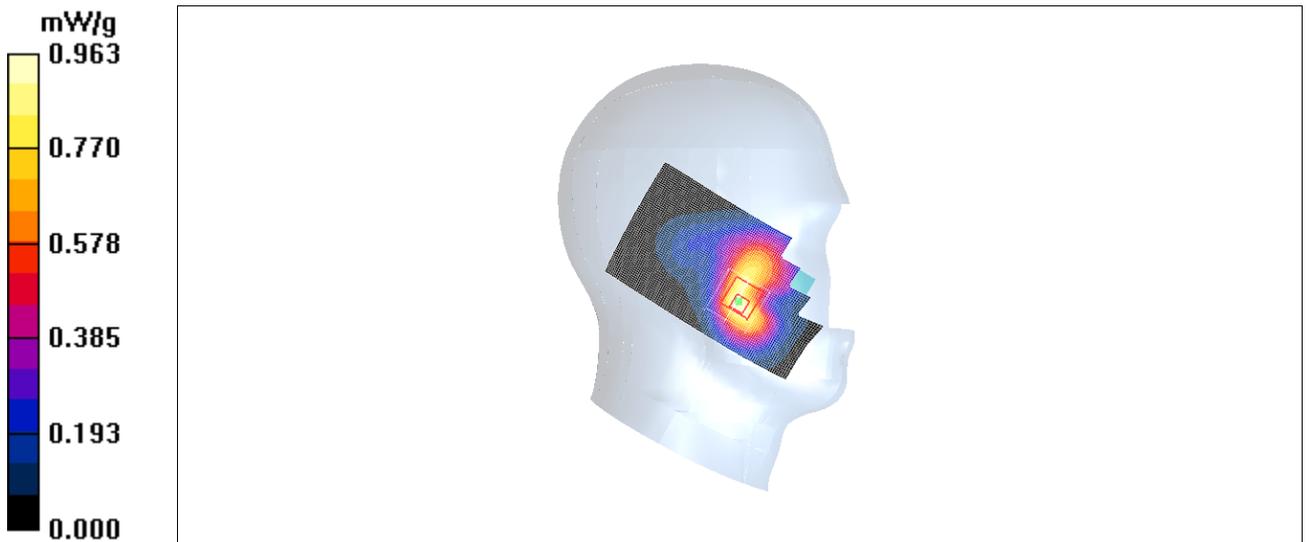


Fig. 39 CDMA 1900MHz CH25

CDMA 1900 Left Tilt High

Date/Time: 2011-3-9 11:50:52

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 1900 Frequency: 1908.75 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Tilt High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.334 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 0.486 W/kg

SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.181 mW/g

Maximum value of SAR (measured) = 0.336 mW/g

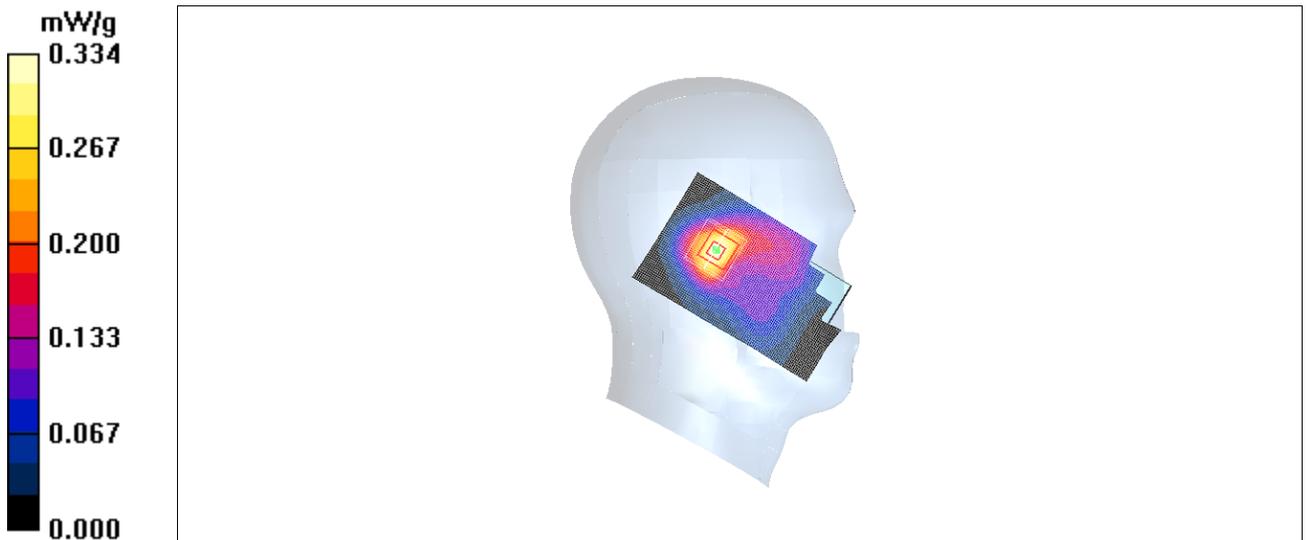


Fig. 40 CDMA 1900MHz CH1175

CDMA 1900 Left Tilt Middle

Date/Time: 2011-3-9 12:05:16

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Tilt Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.413 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.598 W/kg

SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.227 mW/g

Maximum value of SAR (measured) = 0.416 mW/g

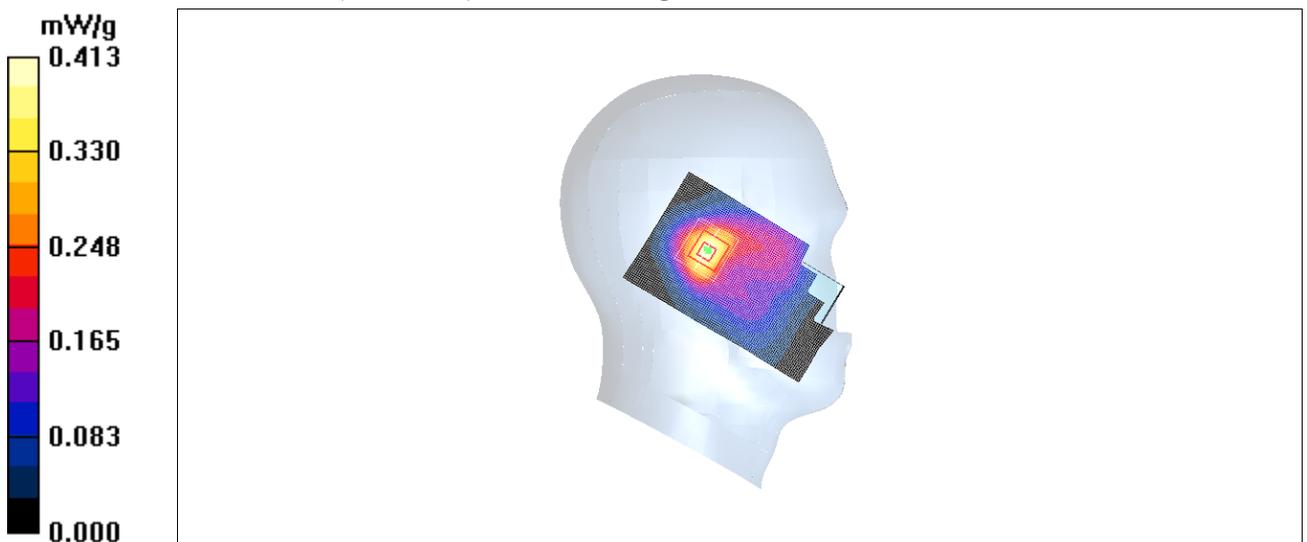


Fig. 41 CDMA 1900MHz CH600

CDMA 1900 Left Tilt Low

Date/Time: 2011-3-9 12:19:39

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 1900 Frequency: 1851.25 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Tilt Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.378 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.210 mW/g

Maximum value of SAR (measured) = 0.379 mW/g

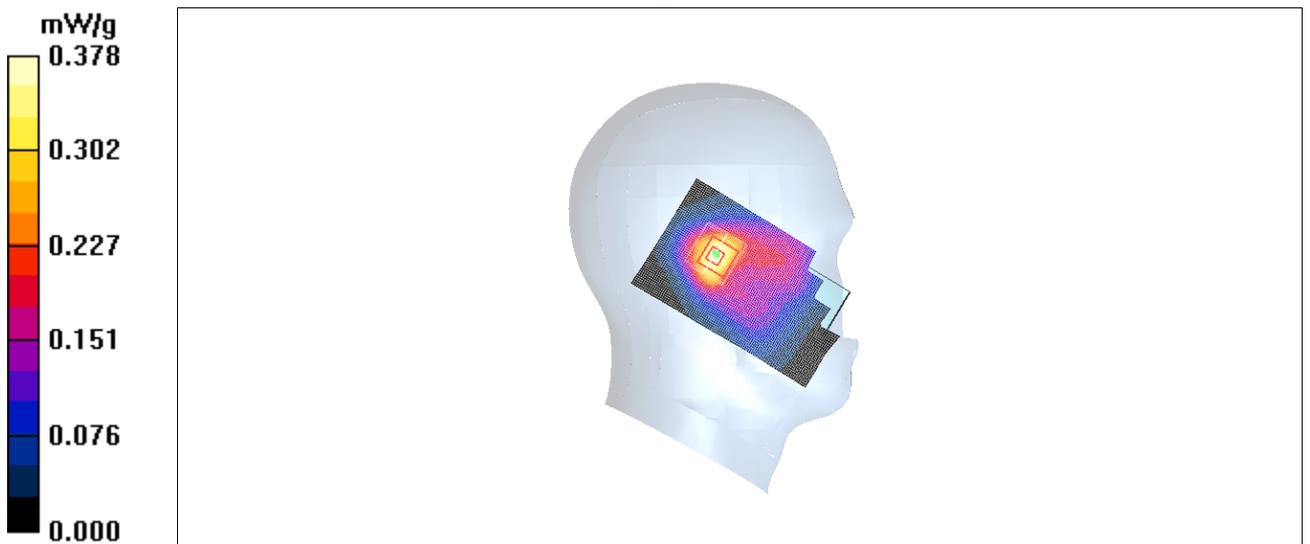


Fig. 42 CDMA 1900MHz CH25

CDMA 1900 Right Cheek High

Date/Time: 2011-3-9 12:34:03

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 1900 Frequency: 1908.75 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.13 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = -0.192 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.967 mW/g; SAR(10 g) = 0.583 mW/g

Maximum value of SAR (measured) = 1.06 mW/g

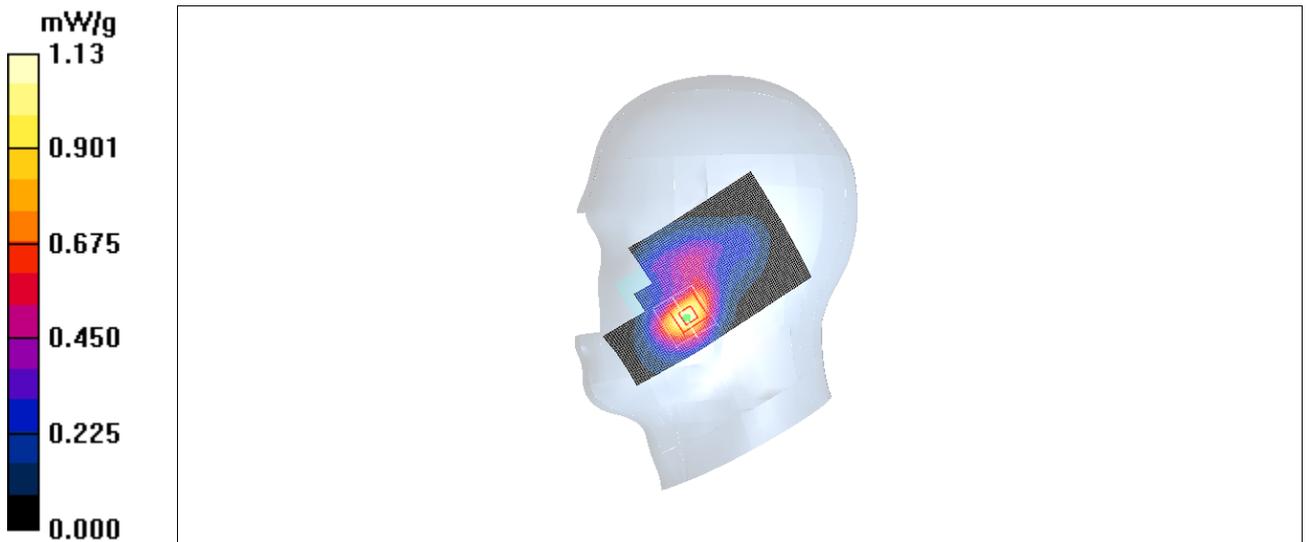


Fig. 43 CDMA 1900MHz CH1175

CDMA 1900 Right Cheek Middle

Date/Time: 2011-3-9 12:48:25

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.31 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.714 mW/g

Maximum value of SAR (measured) = 1.26 mW/g

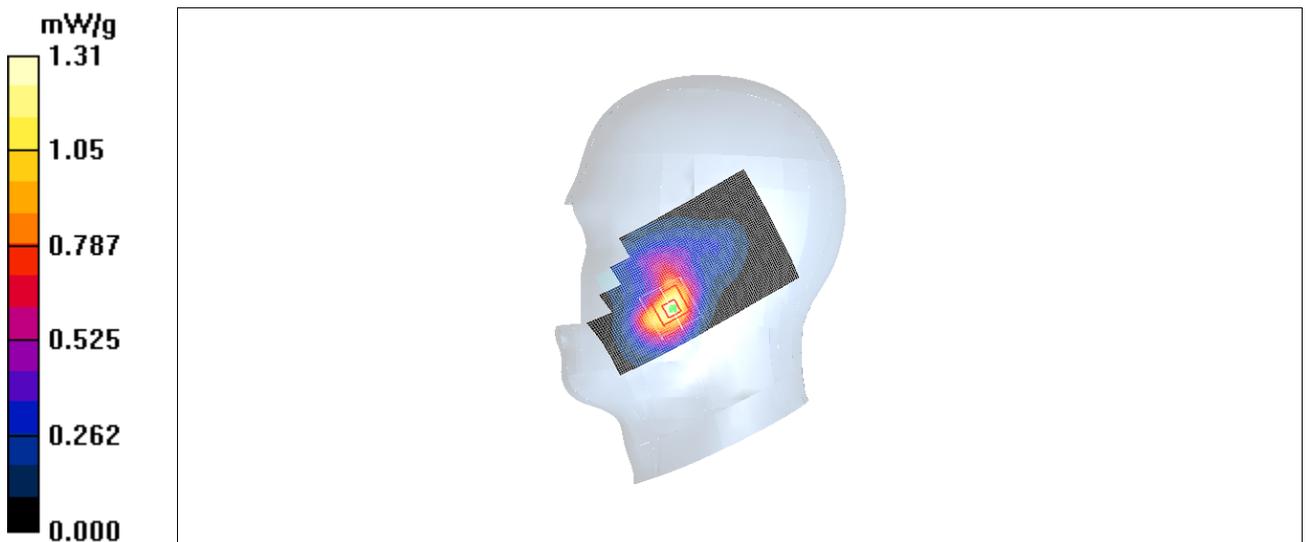


Fig. 44 CDMA 1900MHz CH600

CDMA 1900 Right Cheek Low

Date/Time: 2011-3-9 13:02:43

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 1900 Frequency: 1851.25 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.34 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.35 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.734 mW/g

Maximum value of SAR (measured) = 1.29 mW/g

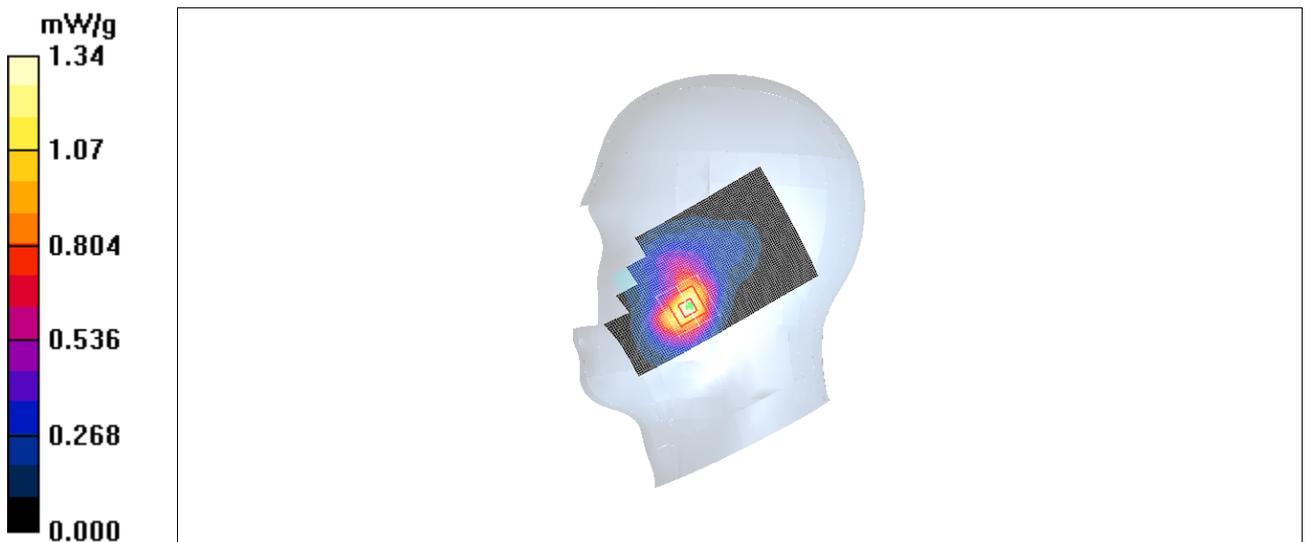


Fig. 45 CDMA 1900MHz CH25

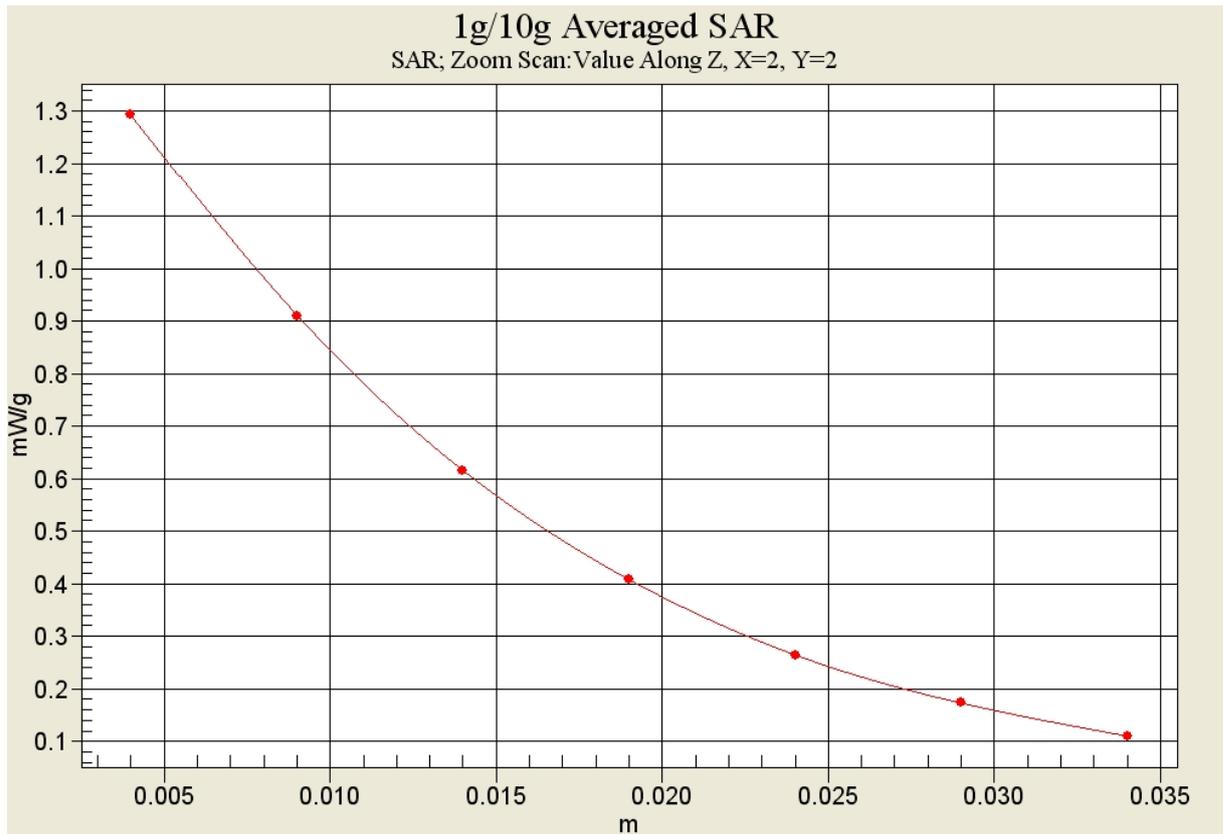


Fig. 45-1 Z-Scan at power reference point (CDMA 1900 MHz CH25)

CDMA 1900 Right Tilt High

Date/Time: 2011-3-9 13:17:09

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 1900 Frequency: 1908.75 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Tilt High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.376 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 0.559 W/kg

SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 0.382 mW/g

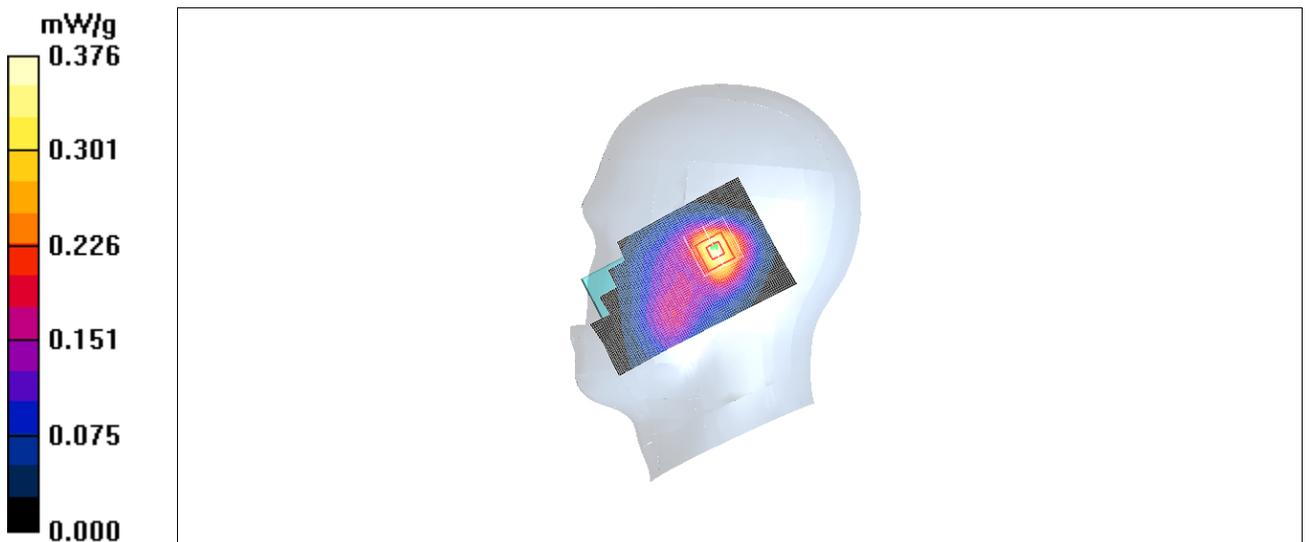


Fig. 46 CDMA 1900MHz CH1175

CDMA 1900 Right Tilt Middle

Date/Time: 2011-3-9 13:31:25

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Tilt Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.429 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.4 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 0.611 W/kg

SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.233 mW/g

Maximum value of SAR (measured) = 0.427 mW/g

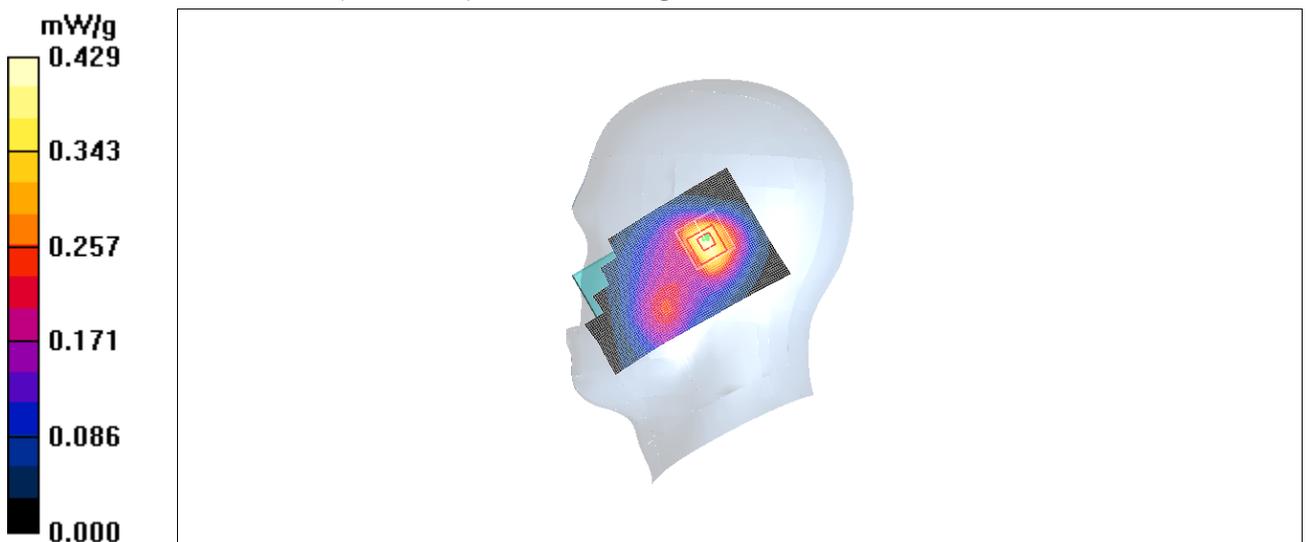


Fig. 47 CDMA 1900MHz CH600

CDMA 1900 Right Tilt Low

Date/Time: 2011-3-9 13:45:50

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 1900 Frequency: 1851.25 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Tilt Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.390 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = 0.080 dB

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 0.379 mW/g

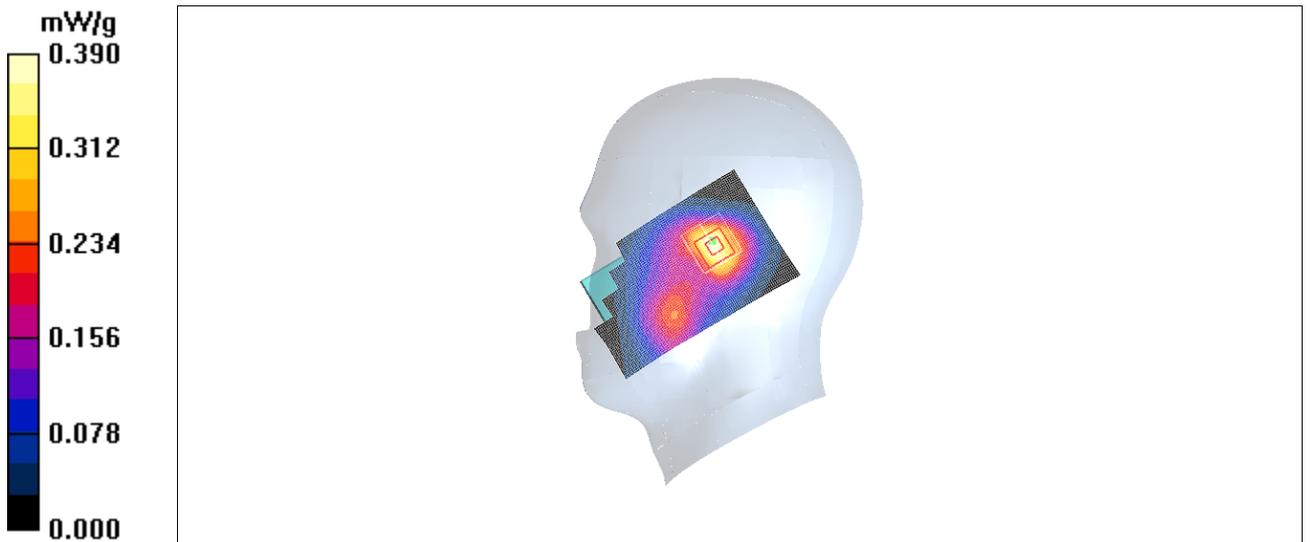


Fig. 48 CDMA 1900MHz CH25

850 Body Towards Ground High with GPRS

Date/Time: 2011-3-8 14:47:15

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.790 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.3 V/m; Power Drift = -0.174 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.531 mW/g

Maximum value of SAR (measured) = 0.769 mW/g

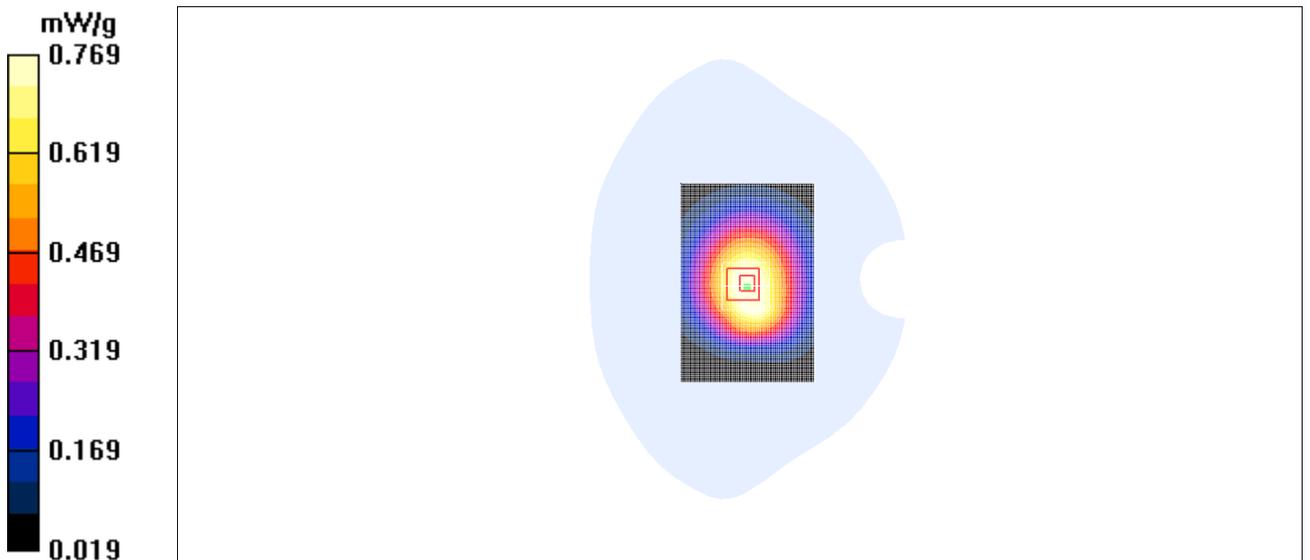


Fig. 49 850 MHz CH251

850 Body Towards Ground Middle with GPRS

Date/Time: 2011-3-8 15:02:34

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.639 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.3 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 0.975 W/kg

SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.454 mW/g

Maximum value of SAR (measured) = 0.695 mW/g

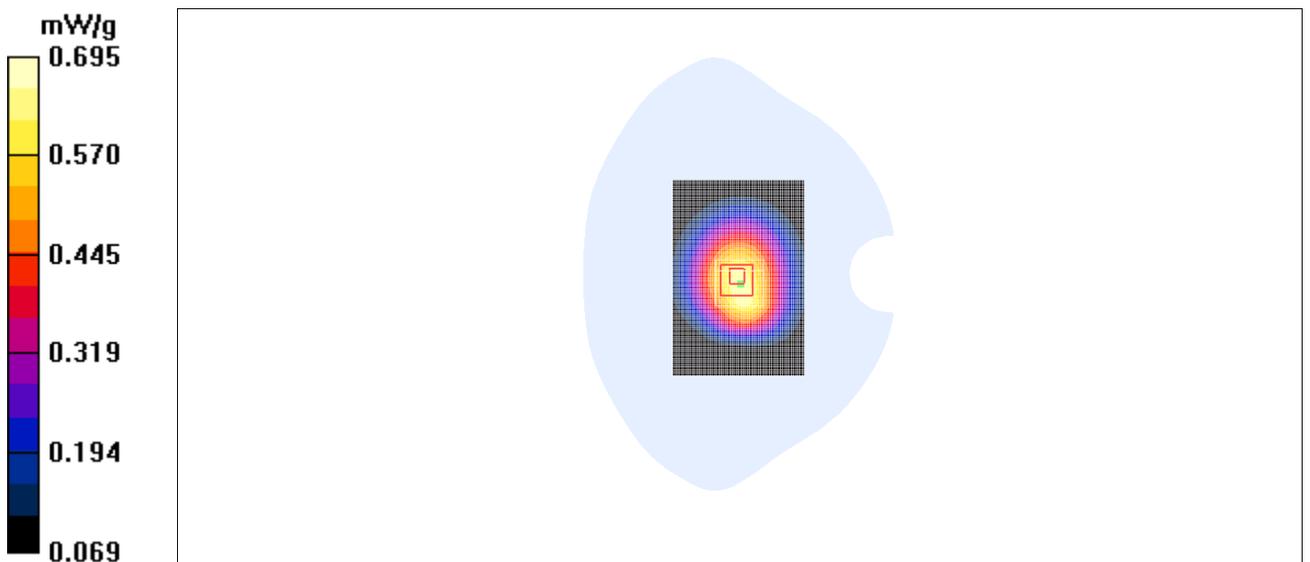


Fig. 50 850 MHz CH190

850 Body Towards Ground Low with GPRS

Date/Time: 2011-3-8 15:17:59

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used: $f = 825$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.528 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.685 W/kg

SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.365 mW/g

Maximum value of SAR (measured) = 0.564 mW/g

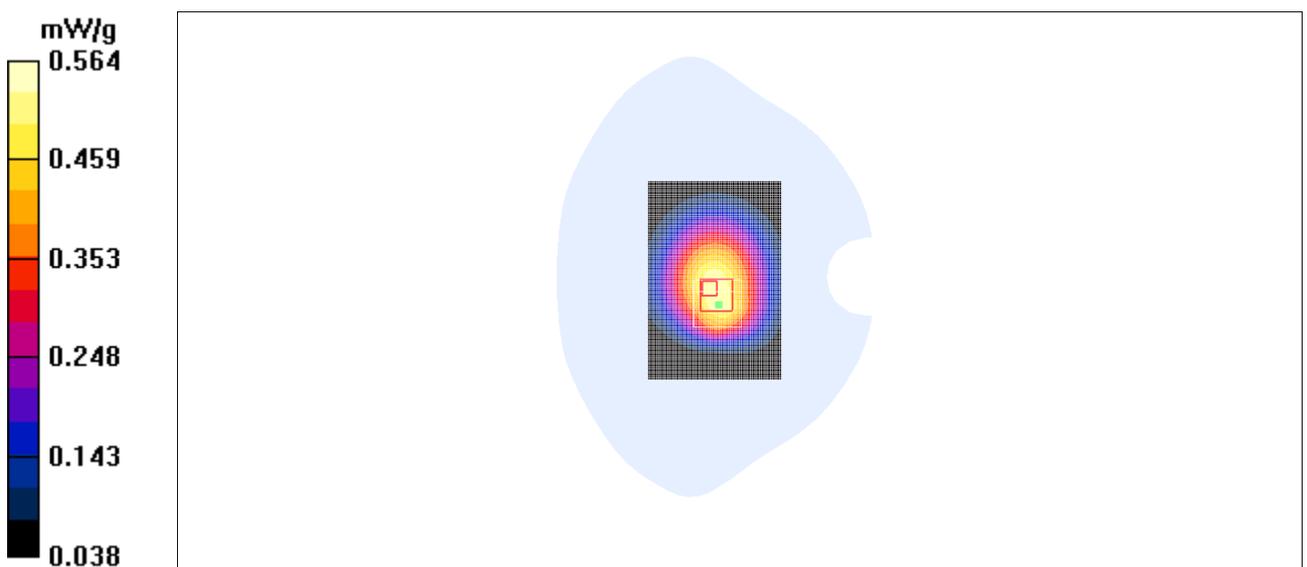


Fig. 51 850 MHz CH128

850 Body Towards Phantom High with GPRS

Date/Time: 2011-3-8 15:33:38

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.439 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.3 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.531 W/kg

SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 0.435 mW/g

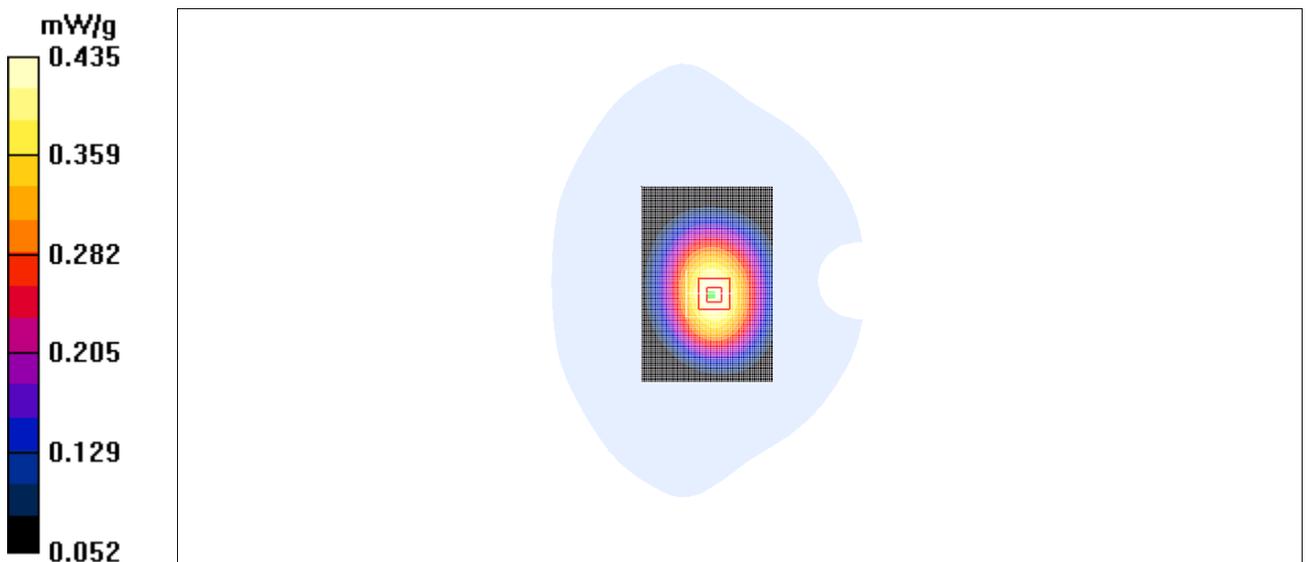


Fig. 52 850 MHz CH251

850 Body Towards Phantom Middle with GPRS

Date/Time: 2011-3-8 15:48:55

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.395 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

dy=5mm, dz=5mm

Reference Value = 19.4 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 0.908 W/kg

SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 0.393 mW/g

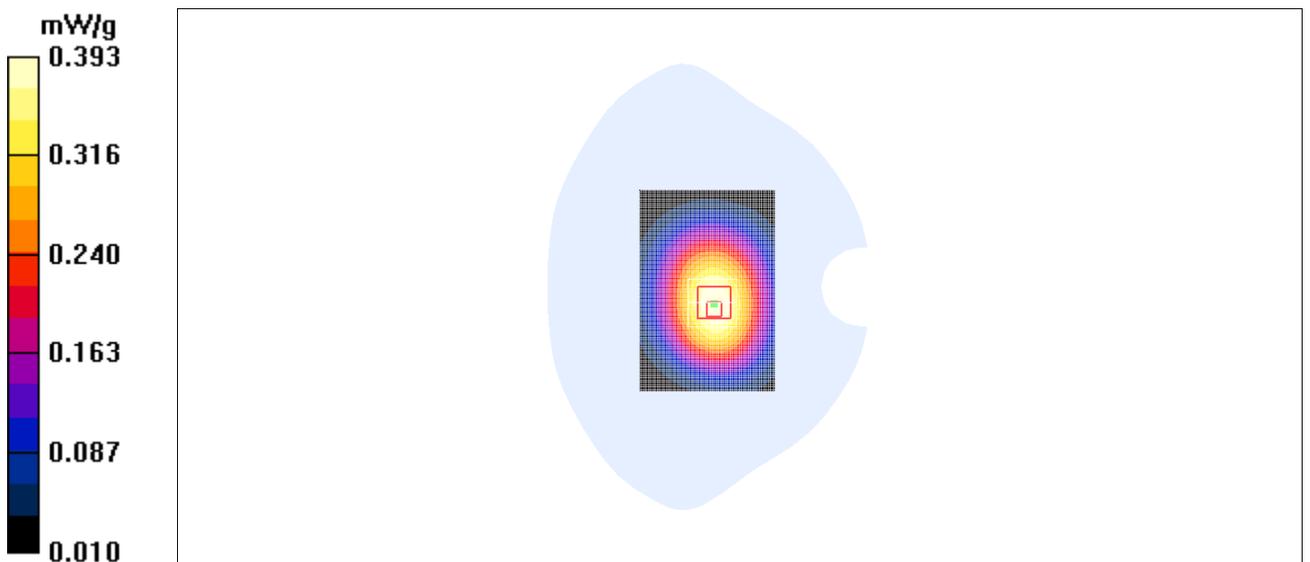


Fig. 53 850 MHz CH190

850 Body Towards Phantom Low with GPRS

Date/Time: 2011-3-8 16:04:18

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used: $f = 825$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.330 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.3 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 0.430 W/kg

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.244 mW/g

Maximum value of SAR (measured) = 0.353 mW/g

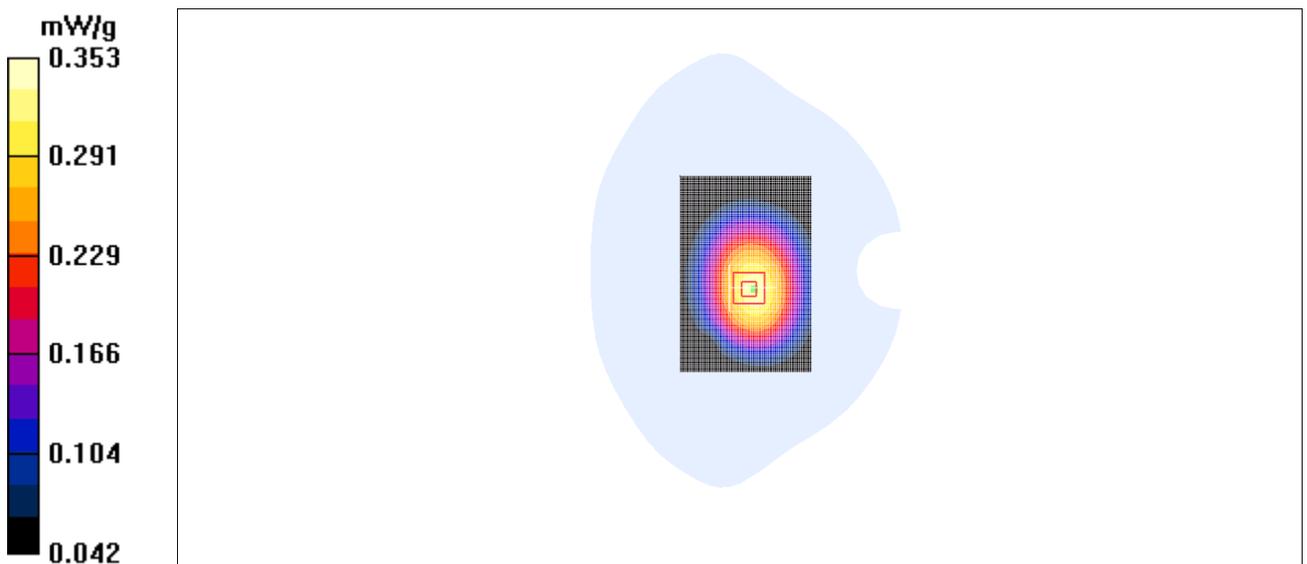


Fig. 54 850 MHz CH128

850 Body Towards Ground High with EGPRS

Date/Time: 2011-3-8 16:20:54

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:2

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.14 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.3 V/m; Power Drift = 0.160 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.833 mW/g

Maximum value of SAR (measured) = 1.26 mW/g

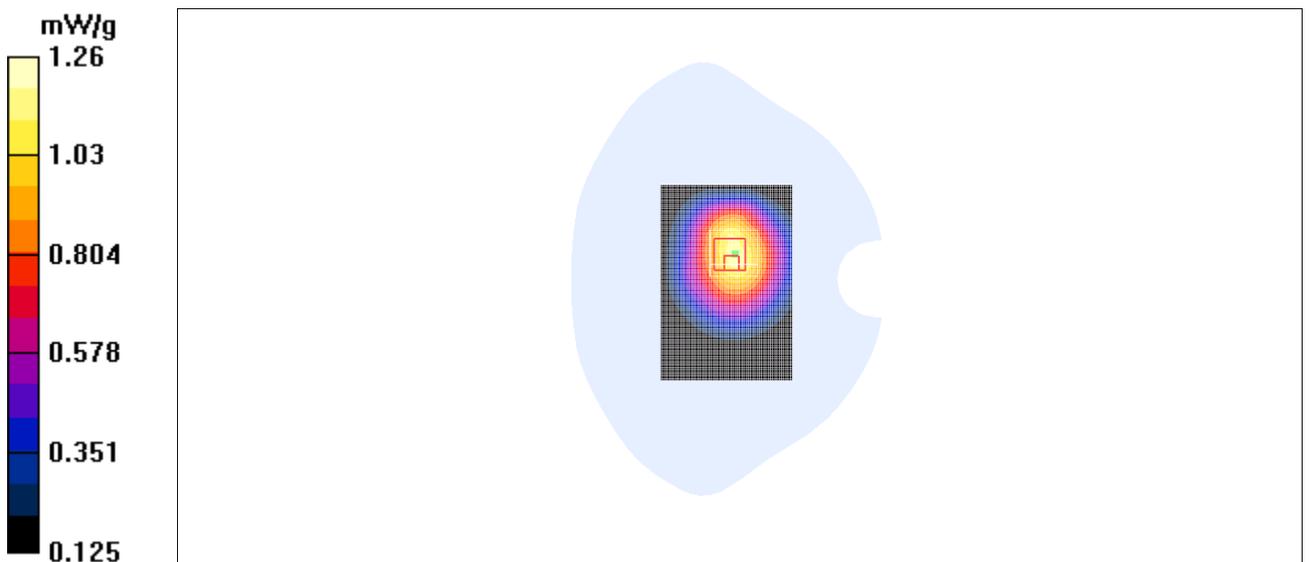


Fig. 55 850 MHz CH251

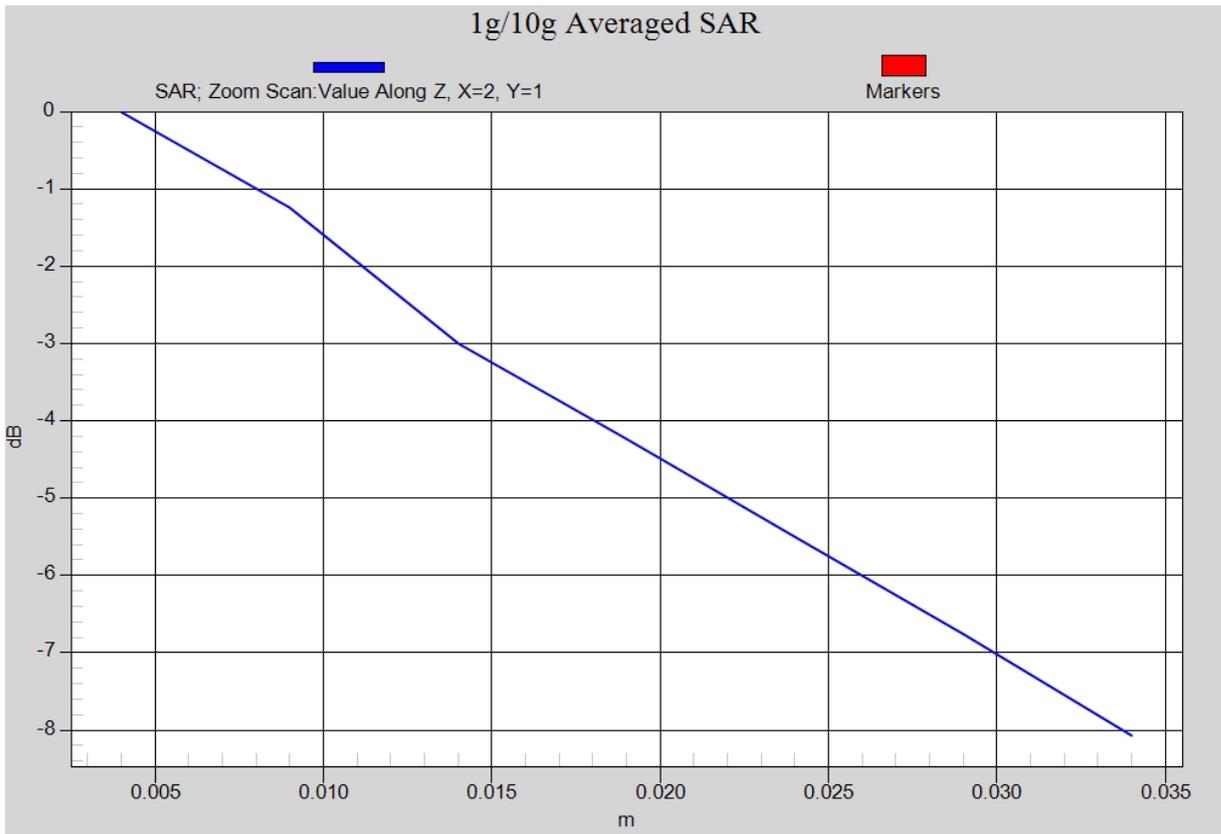


Fig. 55-1 Z-Scan at power reference point (850 MHz CH251)

850 Body Towards Ground Middle with EGPRS

Date/Time: 2011-3-8 16:36:22

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:2

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.969 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

dy=5mm, dz=5mm

Reference Value = 28.7 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 1.2 W/kg

SAR(1 g) = 0.910 mW/g; SAR(10 g) = 0.664 mW/g

Maximum value of SAR (measured) = 0.951 mW/g

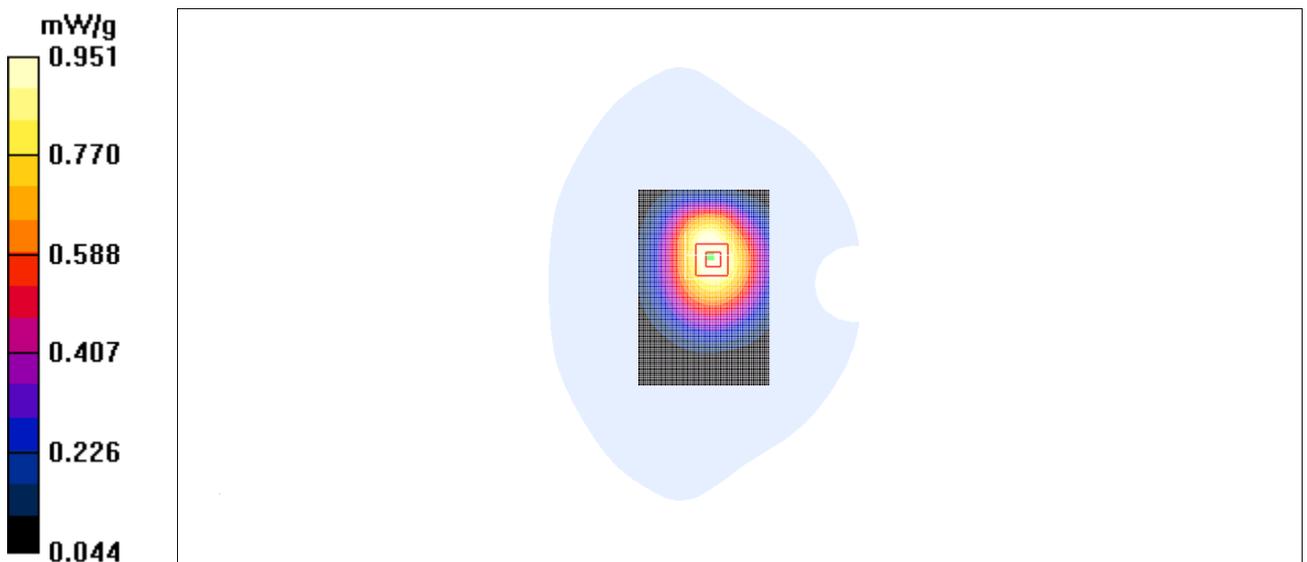


Fig. 56 850 MHz CH190

850 Body Towards Ground Low with EGPRS

Date/Time: 2011-3-8 16:51:46

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used: $f = 825$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:2

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.694 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.1 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.523 mW/g

Maximum value of SAR (measured) = 0.742 mW/g

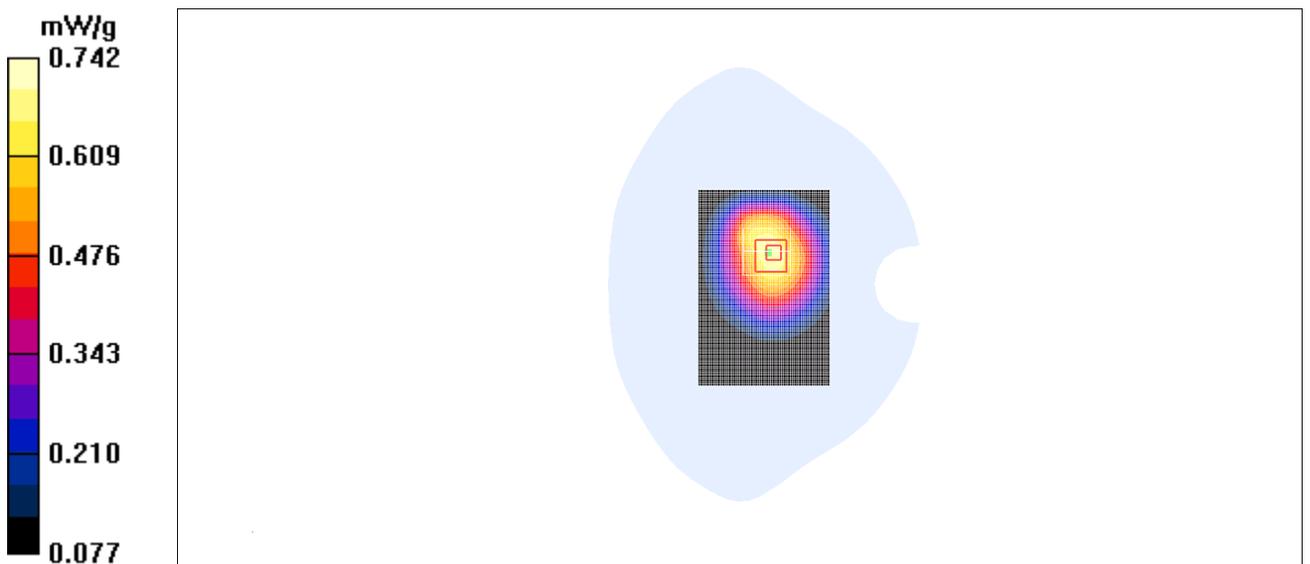


Fig. 57 850 MHz CH128

850 Body Towards Phantom High with EGPRS

Date/Time: 2011-3-8 17:07:31

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:2

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.486 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.4 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.582 W/kg

SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.342 mW/g

Maximum value of SAR (measured) = 0.482 mW/g

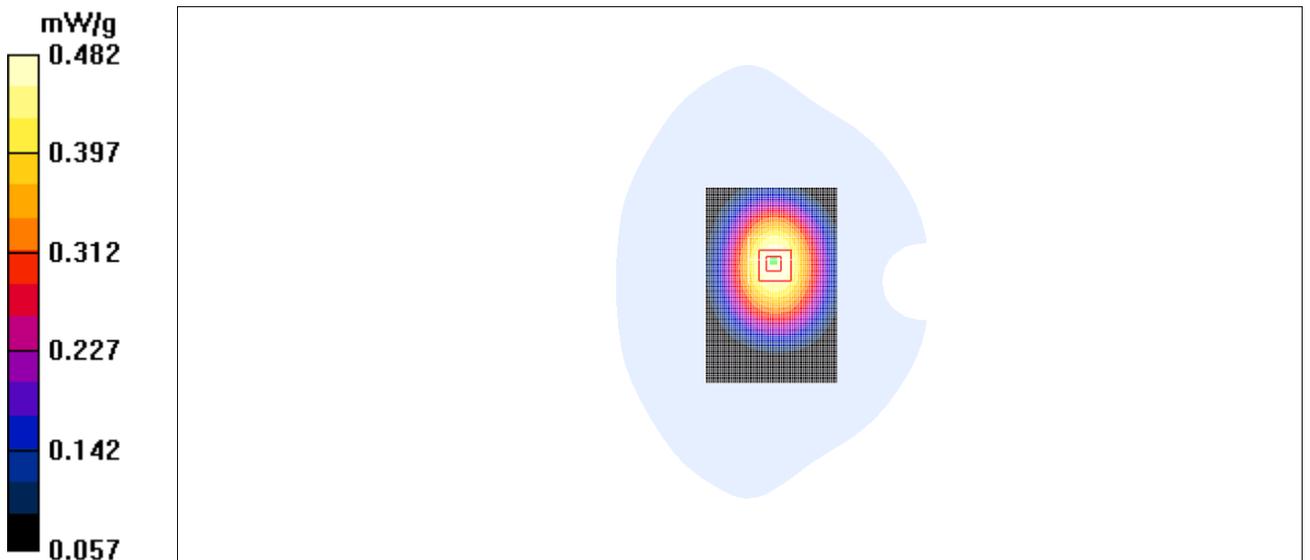


Fig. 58 850 MHz CH251

850 Body Towards Phantom Middle with EGPRS

Date/Time: 2011-3-8 17:22:56

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:2

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.485 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.5 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.586 W/kg

SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.342 mW/g

Maximum value of SAR (measured) = 0.484 mW/g

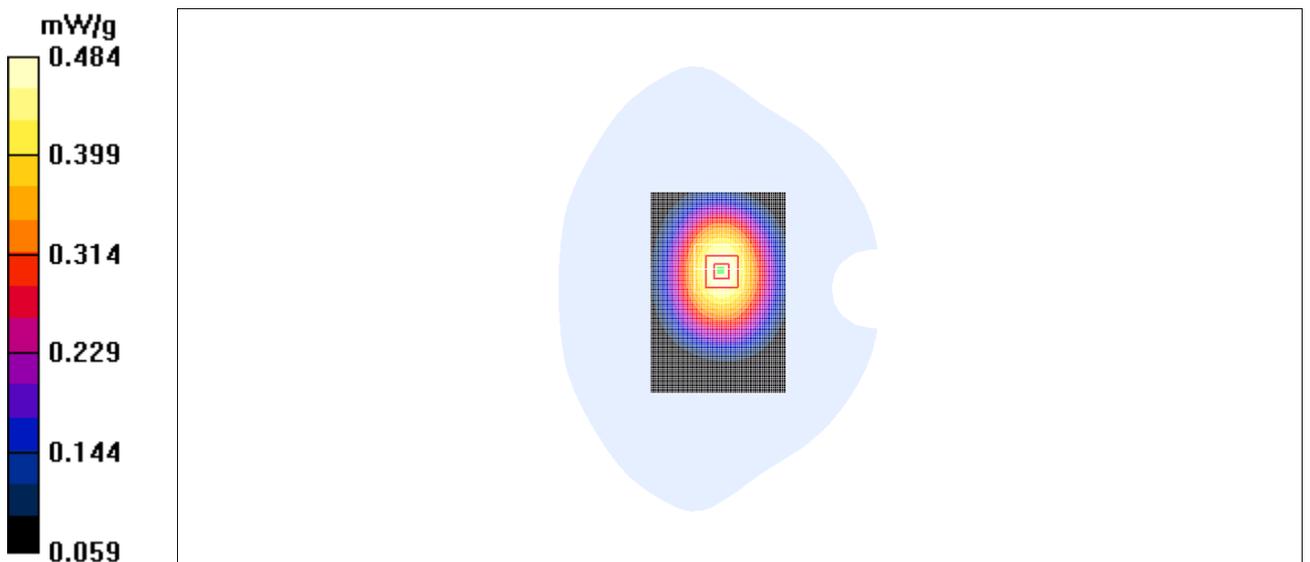


Fig. 59 850 MHz CH190

850 Body Towards Phantom Low with EGPRS

Date/Time: 2011-3-8 17:38:22

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used: $f = 825$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:2

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.471 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.3 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.568 W/kg

SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.332 mW/g

Maximum value of SAR (measured) = 0.470 mW/g

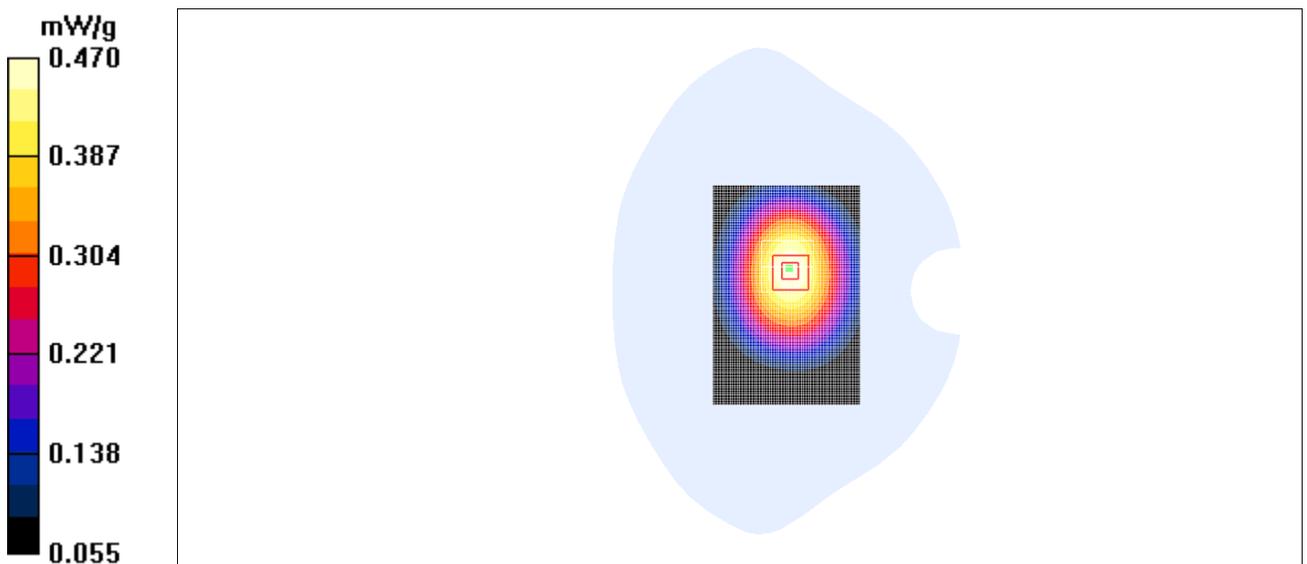


Fig. 60 850 MHz CH128

1900 Body Towards Ground High with GPRS

Date/Time: 2011-3-9 14:50:04

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900 GPRS Frequency: 1909.8 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.616 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.70 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.973 W/kg

SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.313 mW/g

Maximum value of SAR (measured) = 0.571 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.70 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.948 W/kg

SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.251 mW/g

Maximum value of SAR (measured) = 0.569 mW/g

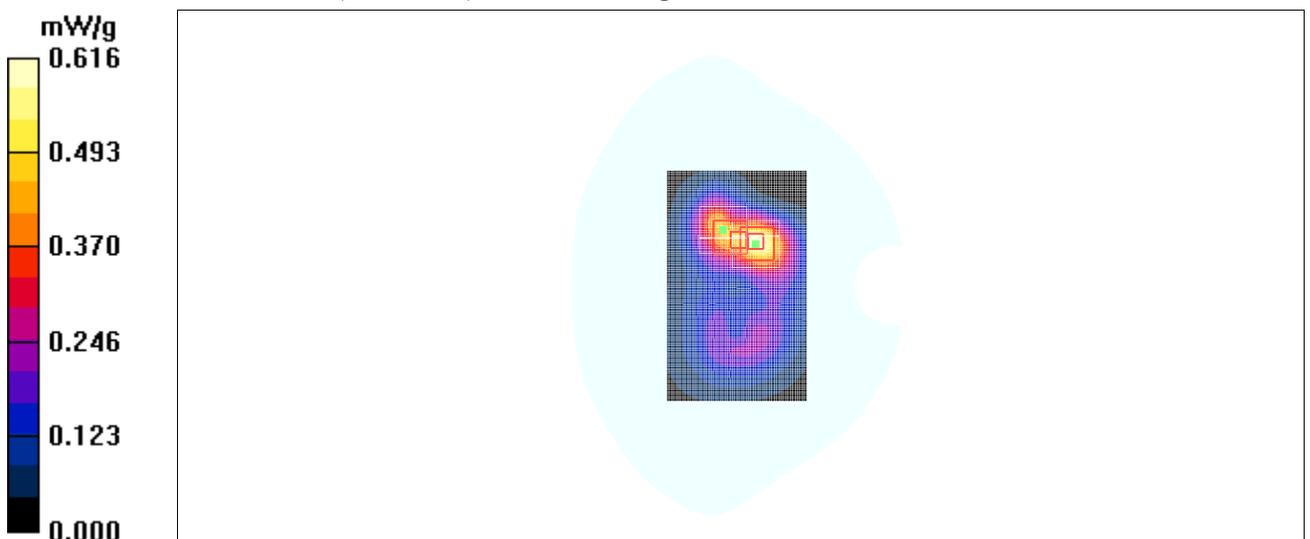


Fig. 61 1900 MHz CH810

1900 Body Towards Ground Middle with GPRS

Date/Time: 2011-3-9 15:05:26

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.565 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.29 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.879 W/kg

SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.281 mW/g

Maximum value of SAR (measured) = 0.522 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.29 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.879 W/kg

SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.526 mW/g

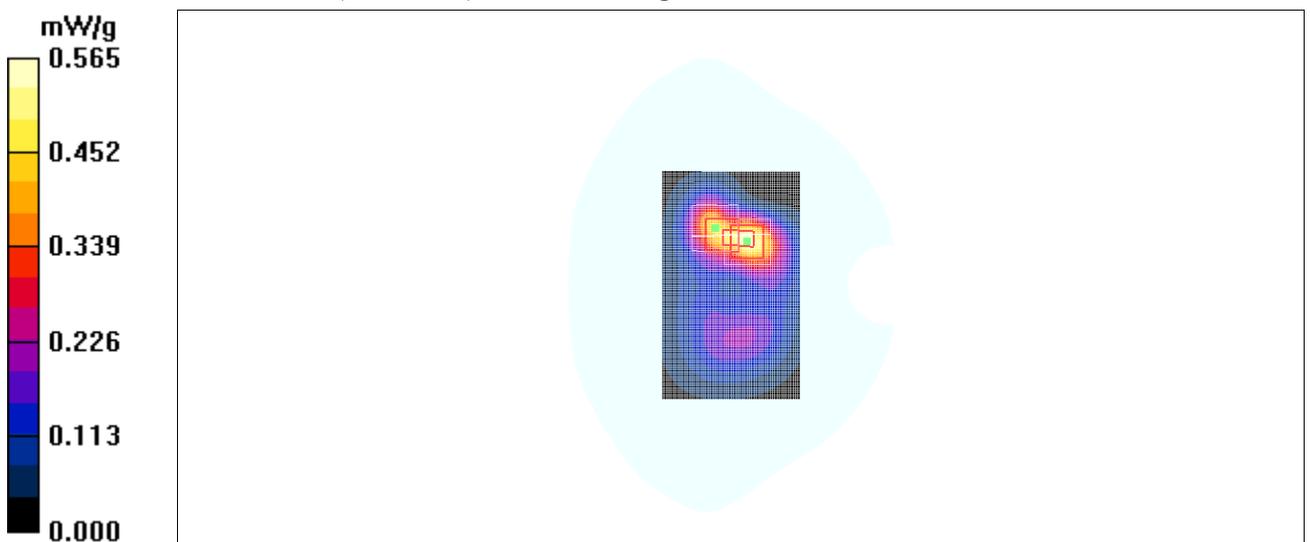


Fig. 62 1900 MHz CH661

1900 Body Towards Ground Low with GPRS

Date/Time: 2011-3-9 15:20:44

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.505 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.72 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.808 W/kg

SAR(1 g) = 0.453 mW/g; SAR(10 g) = 0.253 mW/g

Maximum value of SAR (measured) = 0.474 mW/g

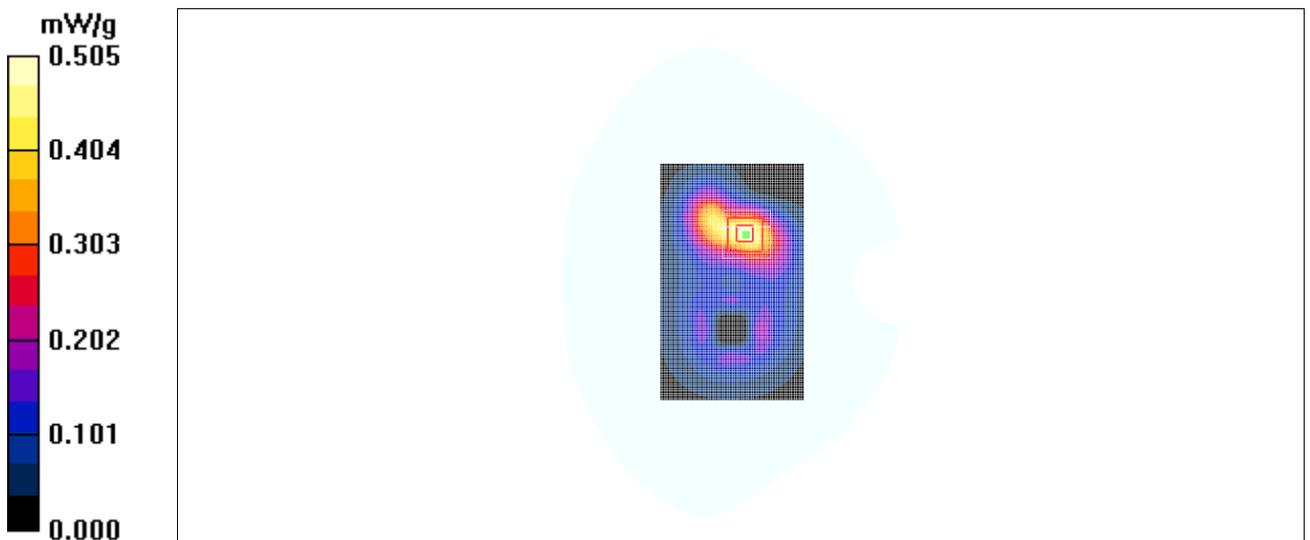


Fig. 63 1900 MHz CH512

1900 Body Towards Phantom High with GPRS

Date/Time: 2011-3-9 15:36:08

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.369 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.81 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.579 W/kg

SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.222 mW/g

Maximum value of SAR (measured) = 0.374 mW/g

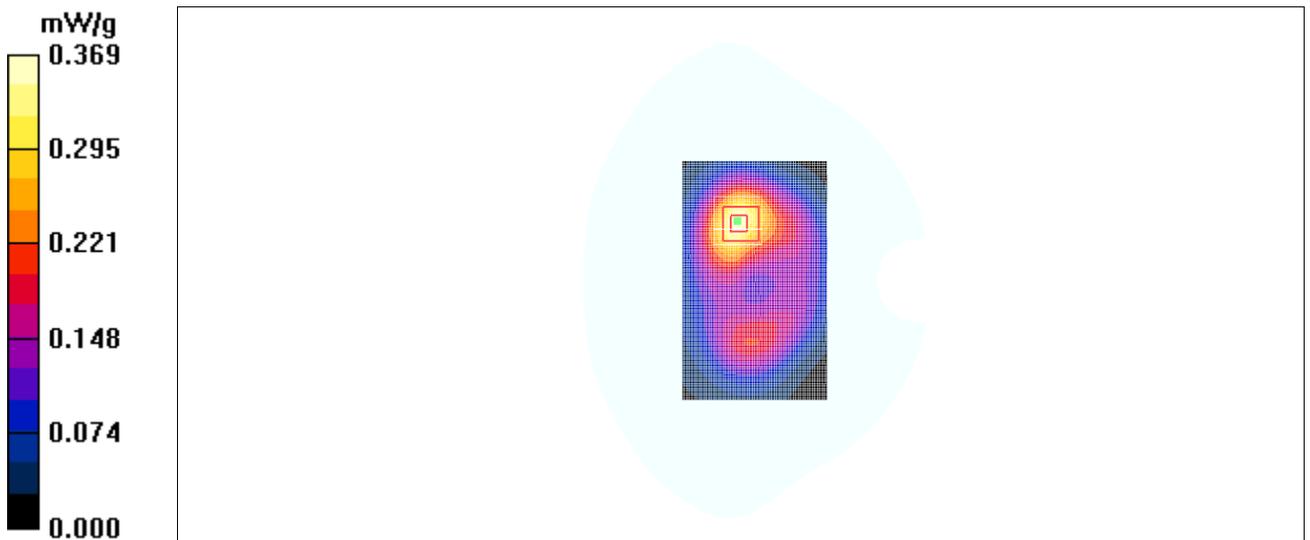


Fig. 64 1900 MHz CH810

1900 Body Towards Phantom Middle with GPRS

Date/Time: 2011-3-9 15:51:29

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.312 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.89 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 0.448 W/kg

SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.284 mW/g

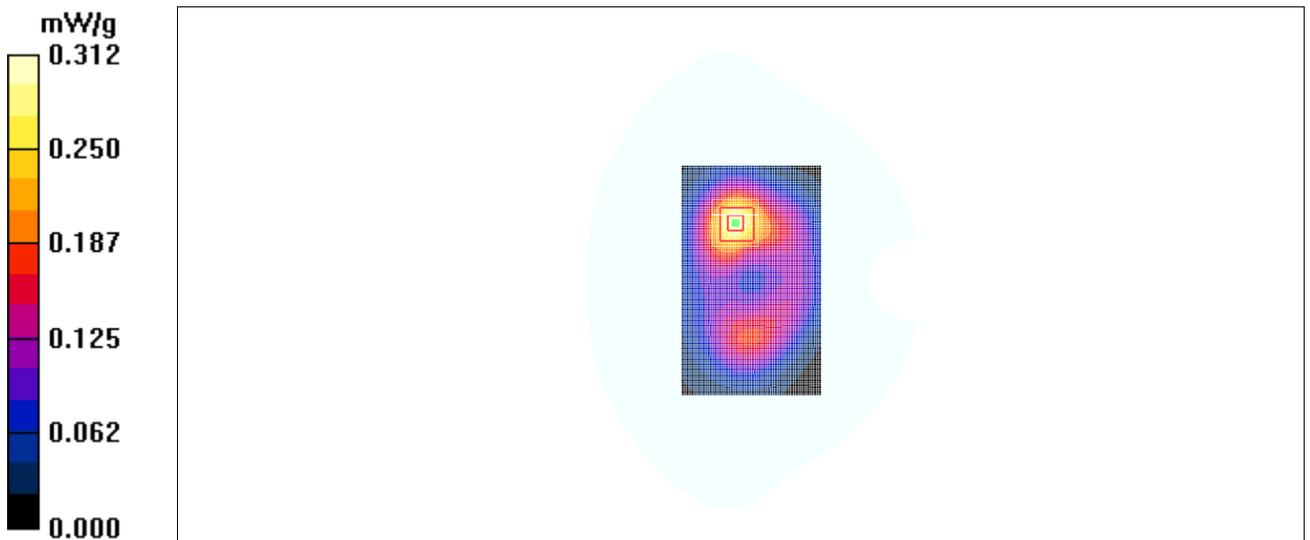


Fig. 65 1900 MHz CH661

1900 Body Towards Phantom Low with GPRS

Date/Time: 2011-3-9 16:06:50

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.238 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.67 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.132 mW/g

Maximum value of SAR (measured) = 0.217 mW/g

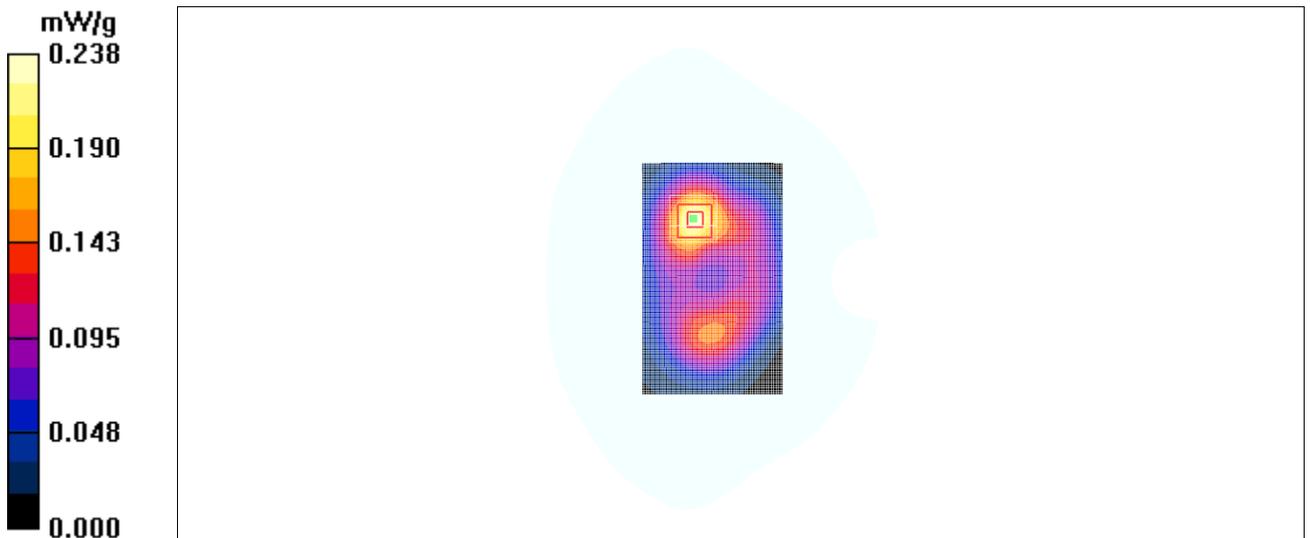


Fig. 66 1900 MHz CH512

1900 Body Towards Ground High with EGPRS

Date/Time: 2011-3-9 16:22:36

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900 GPRS Frequency: 1909.8 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.784 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = -0.130 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.391 mW/g

Maximum value of SAR (measured) = 0.722 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = -0.130 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.317 mW/g

Maximum value of SAR (measured) = 0.734 mW/g

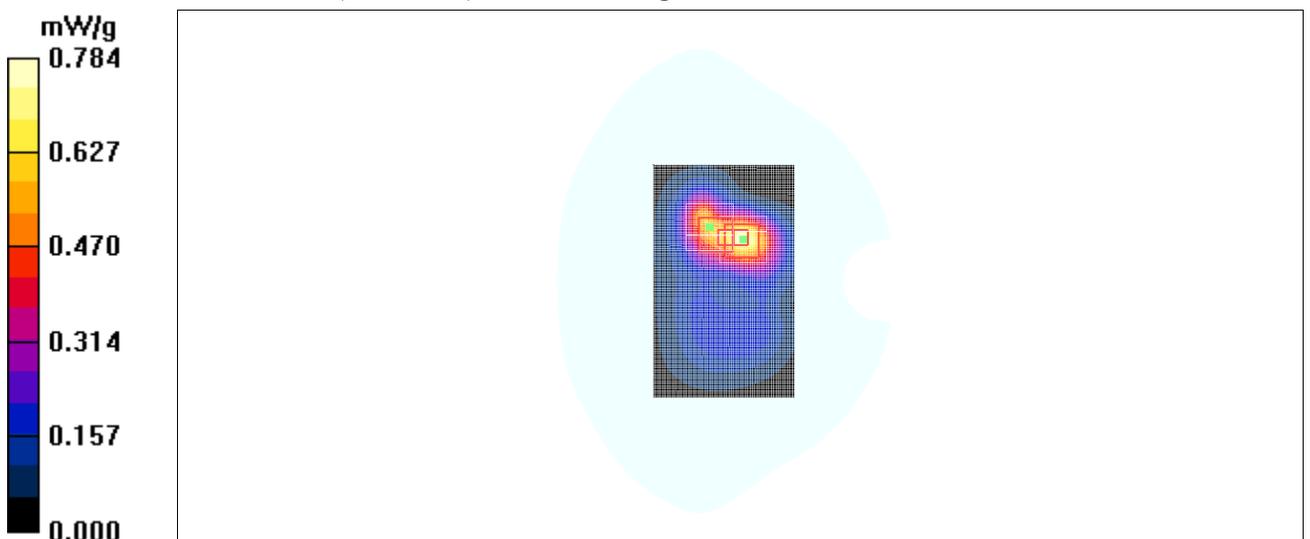


Fig. 67 1900 MHz CH810

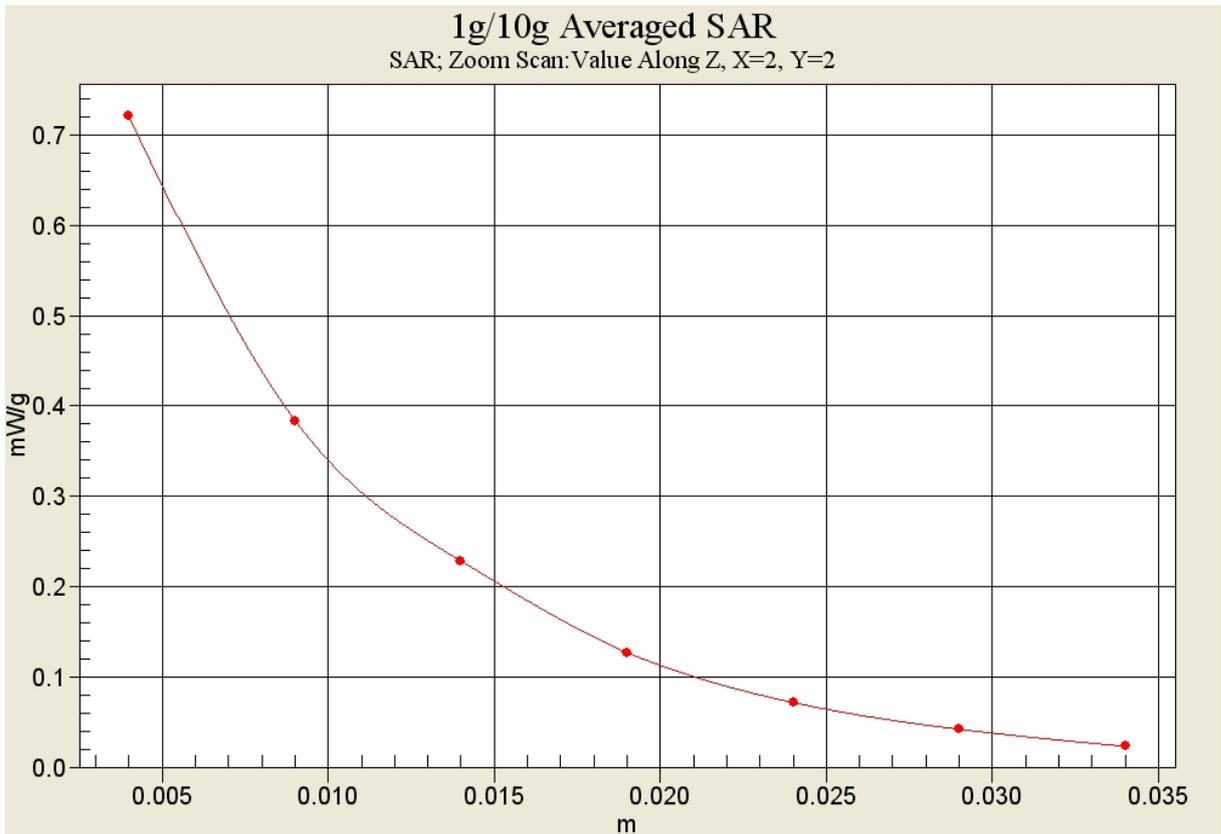


Fig. 67-1 Z-Scan at power reference point (1900 MHz CH810)

1900 Body Towards Ground Middle with EGPRS

Date/Time: 2011-3-9 16:37:56

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.664 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.18 V/m; Power Drift = -0.167 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.580 mW/g; SAR(10 g) = 0.323 mW/g

Maximum value of SAR (measured) = 0.592 mW/g

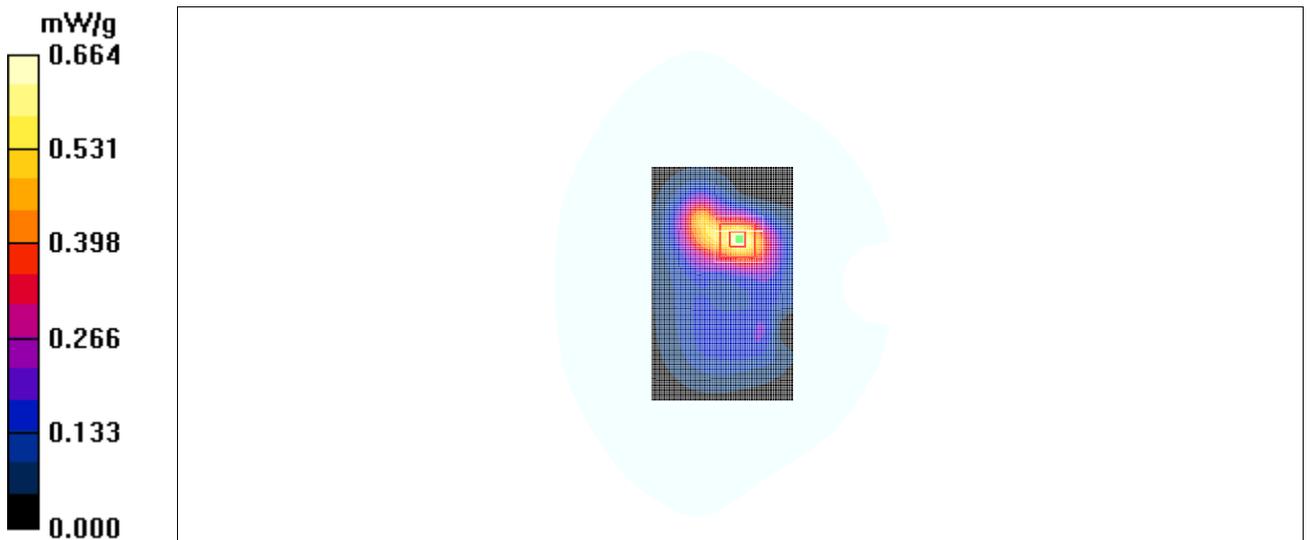


Fig. 68 1900 MHz CH661

1900 Body Towards Ground Low with EGPRS

Date/Time: 2011-3-9 16:53:27

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.615 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.50 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.976 W/kg

SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.298 mW/g

Maximum value of SAR (measured) = 0.571 mW/g

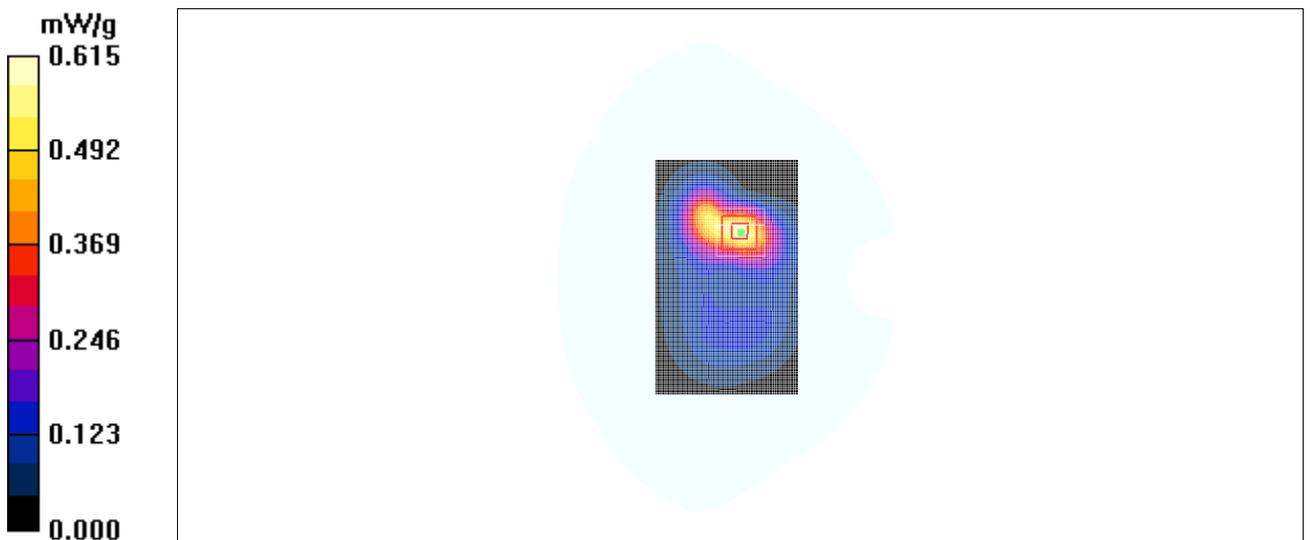


Fig. 69 1900 MHz CH512

1900 Body Towards Phantom High with EGPRS

Date/Time: 2011-3-9 17:09:00

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.398 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.12 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.595 W/kg

SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 0.373 mW/g

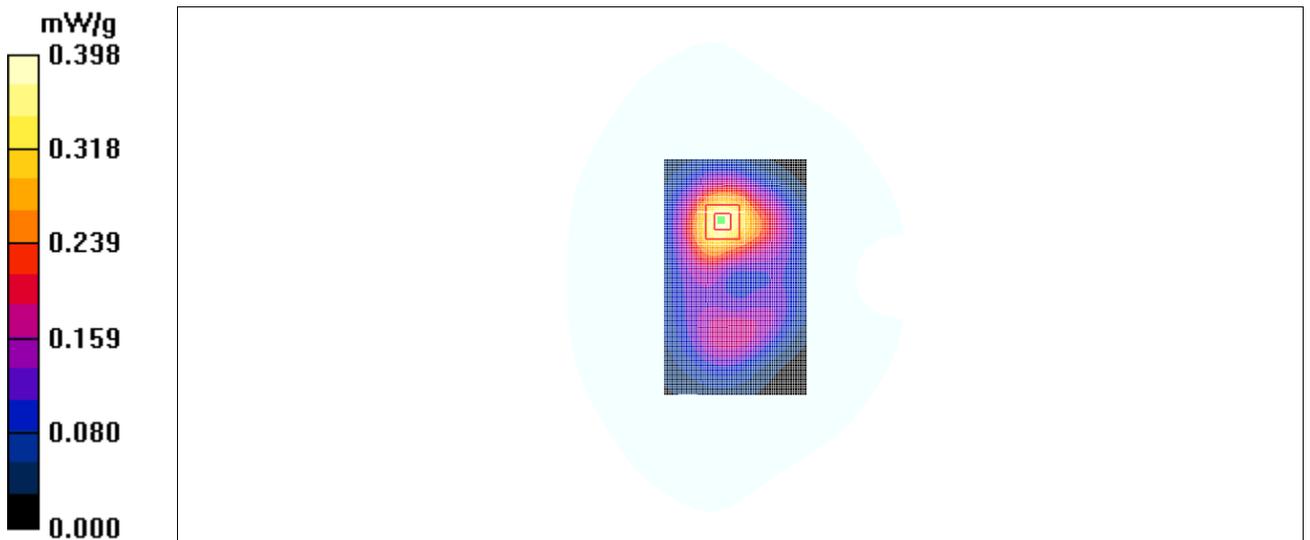


Fig. 70 1900 MHz CH810

1900 Body Towards Phantom Middle with EGPRS

Date/Time: 2011-3-9 17:24:18

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.337 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.26 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.429 W/kg

SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.174 mW/g

Maximum value of SAR (measured) = 0.314 mW/g

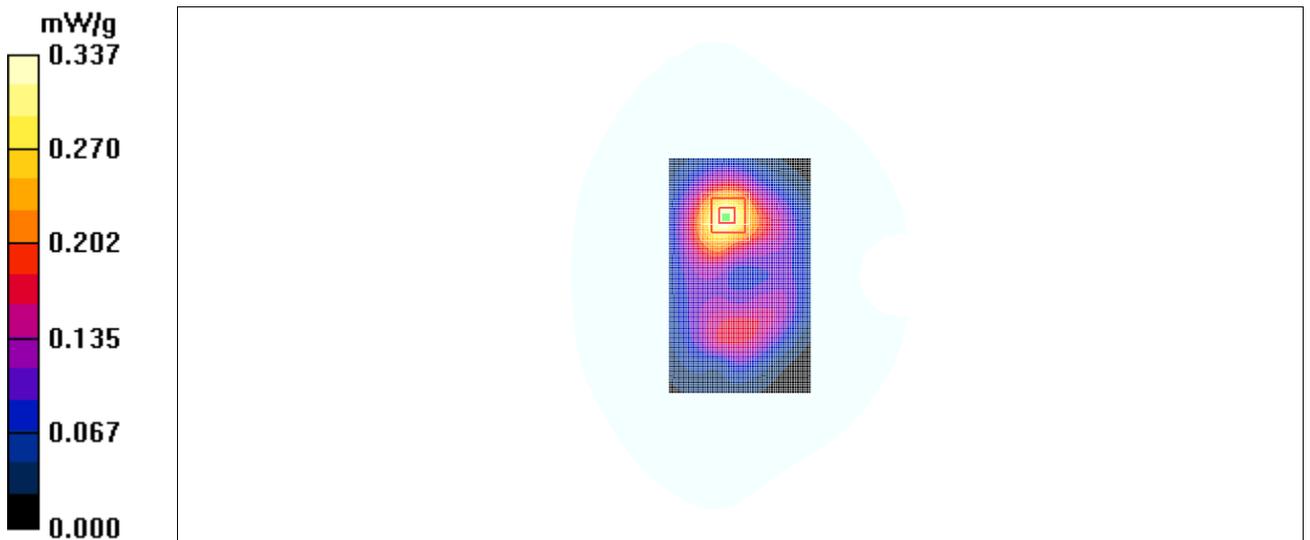


Fig. 71 1900 MHz CH661

1900 Body Towards Phantom Low with EGPRS

Date/Time: 2011-3-9 17:39:41

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.278 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.04 V/m; Power Drift = -0.188 dB

Peak SAR (extrapolated) = 0.408 W/kg

SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.266 mW/g

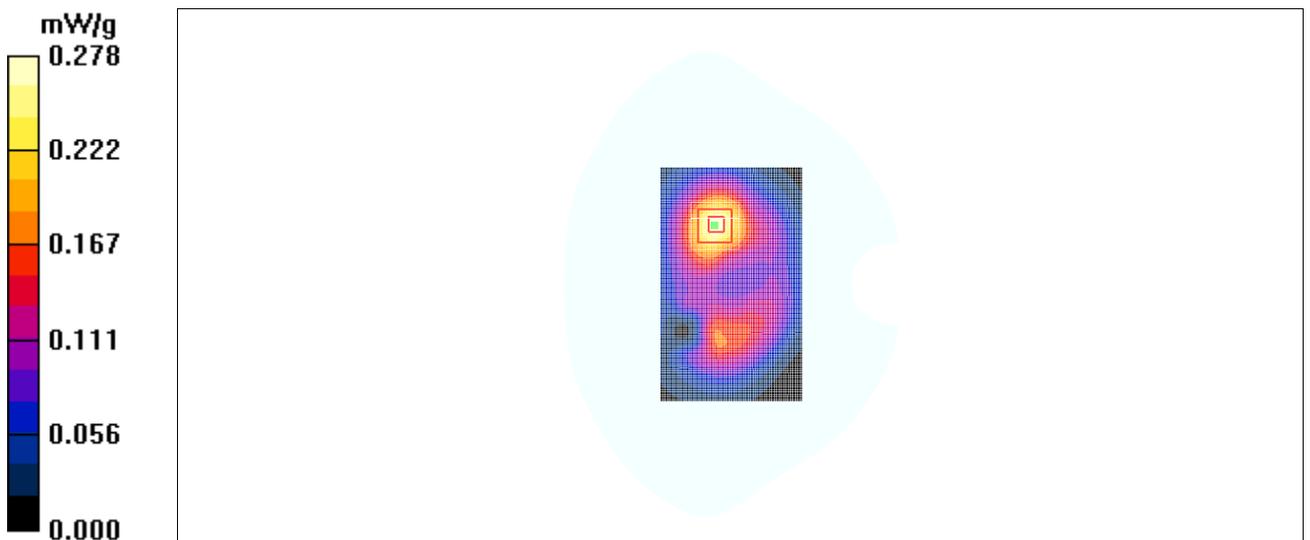


Fig. 72 1900 MHz CH512

CDMA 835 Body Toward Ground High

Date/Time: 2011-3-8 17:57:11

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 1.015$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 835 Frequency: 848.31 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.723 mW/g

Toward Ground High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 0.889 W/kg

SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.495 mW/g

Maximum value of SAR (measured) = 0.715 mW/g

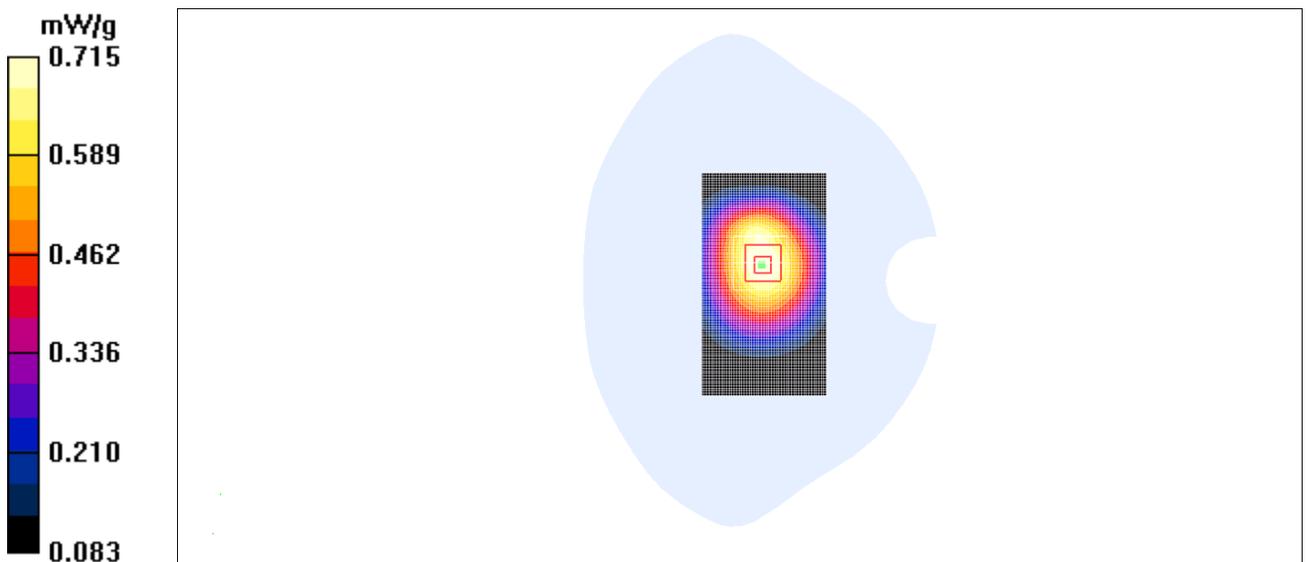


Fig. 73 CDMA 835MHz CH777

CDMA 835 Body Toward Ground Middle

Date/Time: 2011-3-8 18:12:30

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used: $f = 836.52$ MHz; $\sigma = 1.005$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 835 Frequency: 836.52 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground Middle/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.822 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.8 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.781 mW/g; SAR(10 g) = 0.570 mW/g

Maximum value of SAR (measured) = 0.824 mW/g

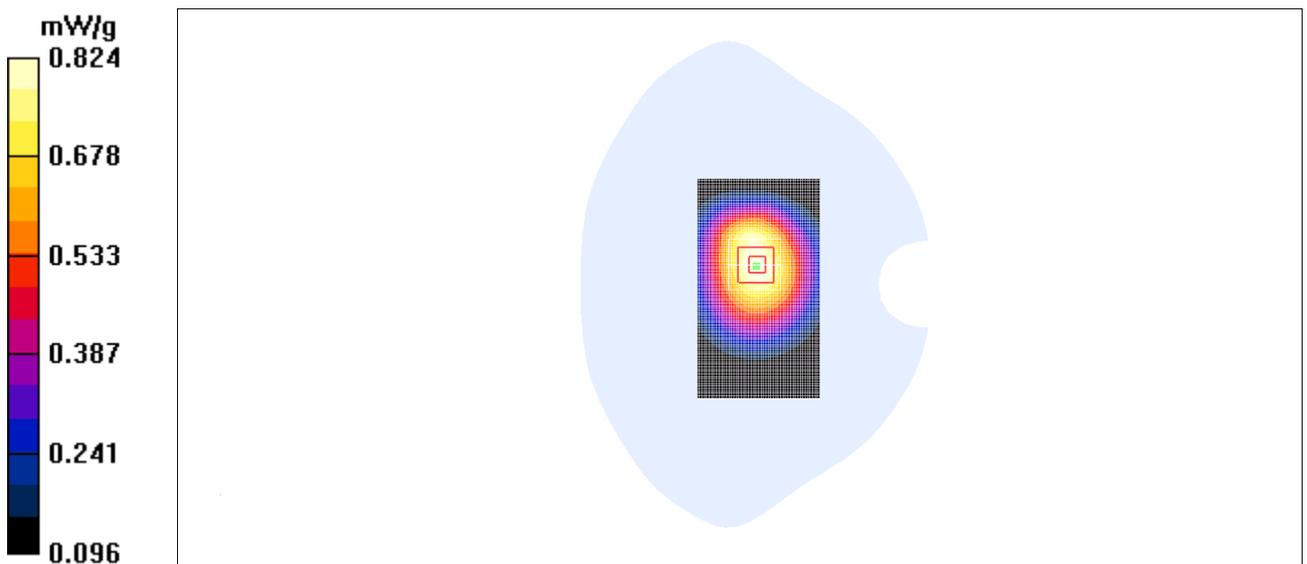


Fig. 74 CDMA 835MHz CH384

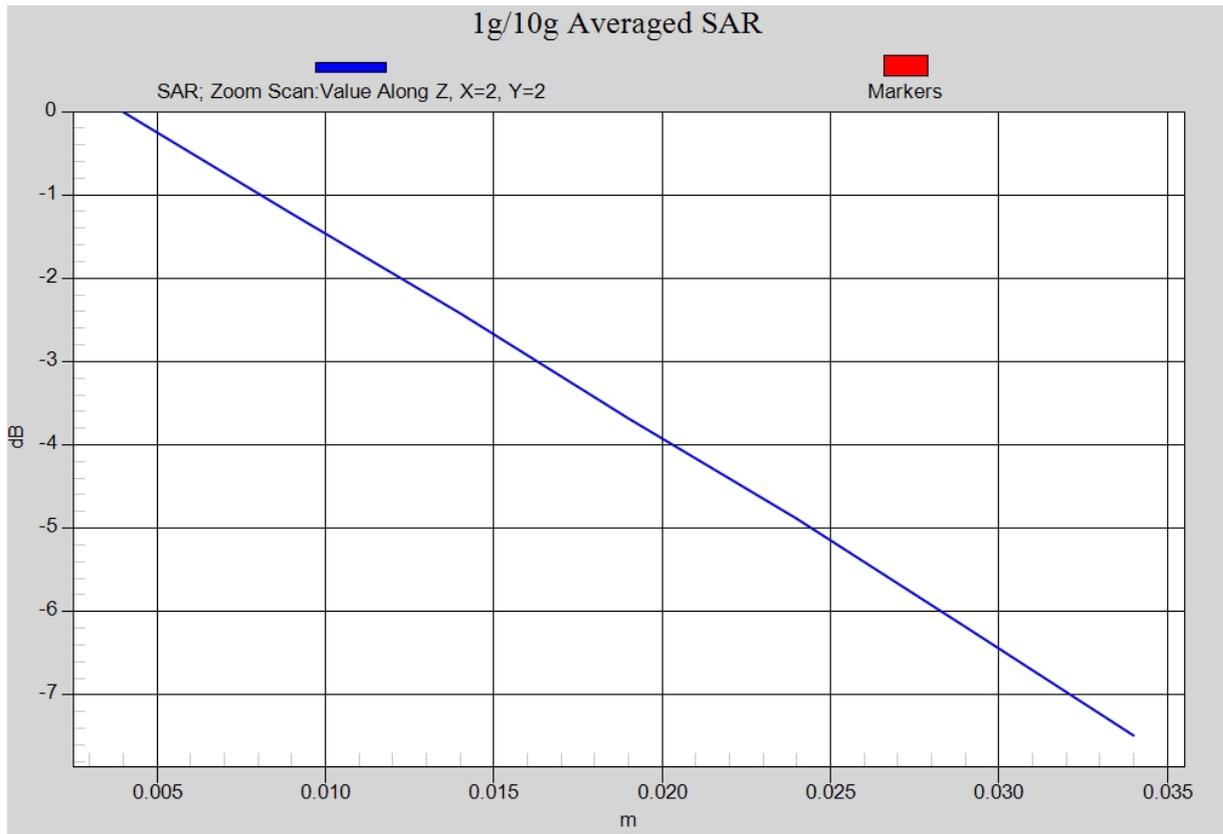


Fig. 74-1 Z-Scan at power reference point (CDMA 835 MHz CH384)

CDMA 835 Body Toward Ground Low

Date/Time: 2011-3-8 18:27:50

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 825$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 835 Frequency: 824.7 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.578 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.2 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 0.717 W/kg

SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.403 mW/g

Maximum value of SAR (measured) = 0.580 mW/g

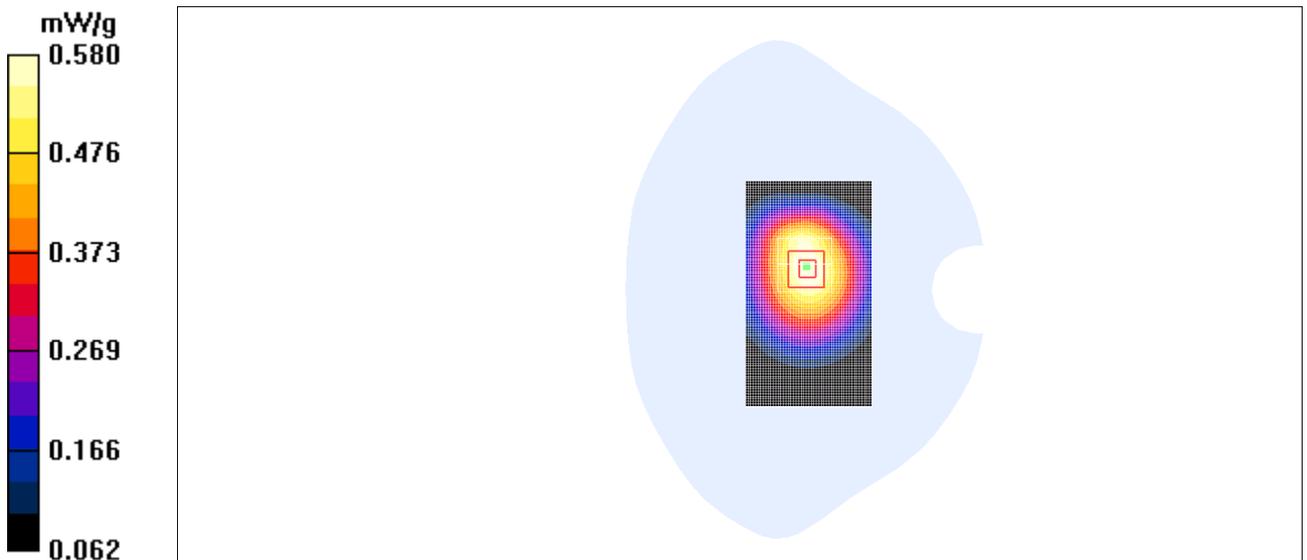


Fig. 75 CDMA 835MHz CH1013

CDMA 835 Body Toward Phantom High

Date/Time: 2011-3-8 18:43:18

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 1.015$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 835 Frequency: 848.31 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.429 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.2 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 0.515 W/kg

SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.295 mW/g

Maximum value of SAR (measured) = 0.421 mW/g

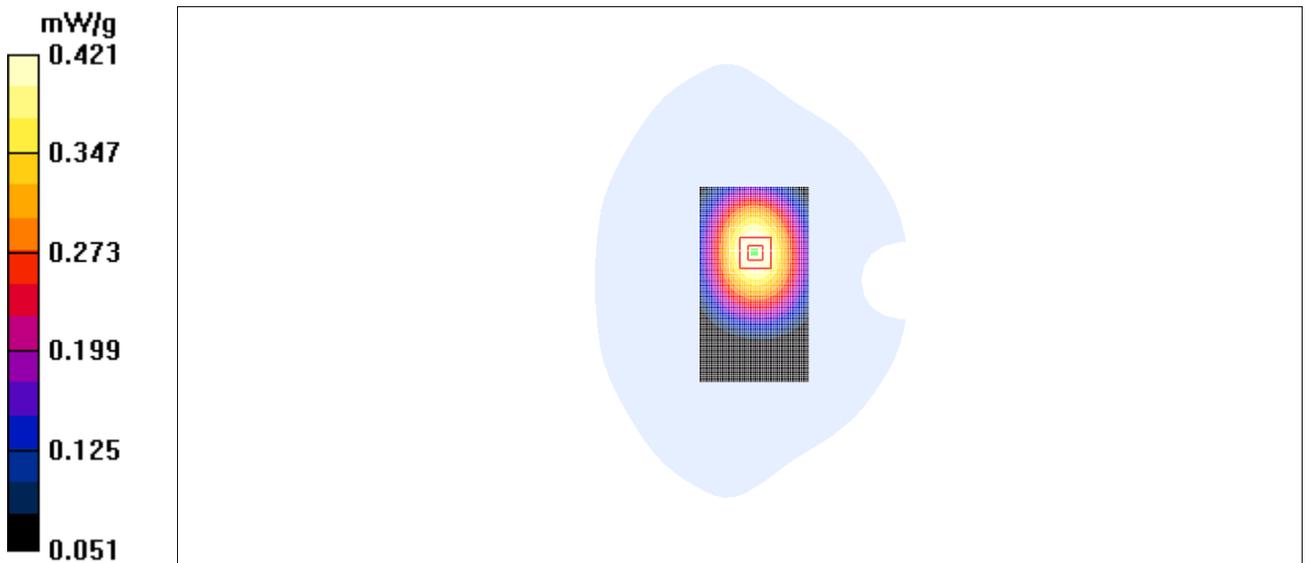


Fig. 76 CDMA 835MHz CH777

CDMA 835 Body Toward Phantom Middle

Date/Time: 2011-3-8 18:58:41

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used: $f = 836.52$ MHz; $\sigma = 1.005$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: CDMA 835 Frequency: 836.52 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom Middle/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.528 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 0.655 W/kg

SAR(1 g) = 0.505 mW/g; SAR(10 g) = 0.373 mW/g

Maximum value of SAR (measured) = 0.532 mW/g

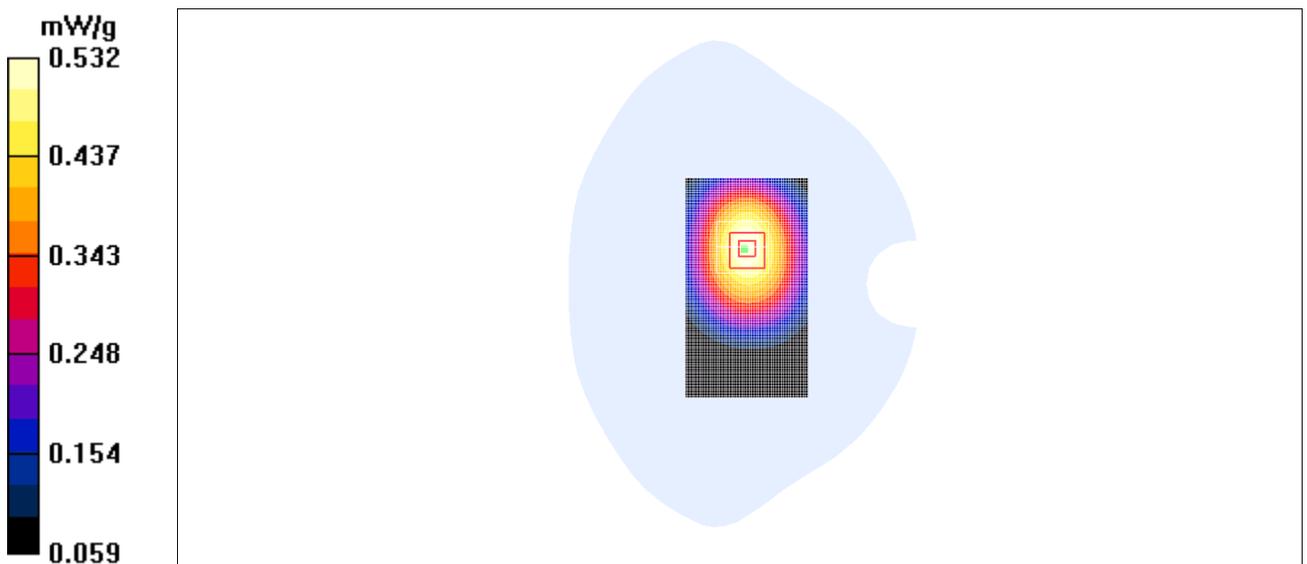


Fig. 77 CDMA 835MHz CH384